All your Apple needs

Mac FORMAT

> Mac > iPad > iPhone

> Issue 240 November 2011

80 LION TIPS

Discover hidden features of the new OS X p68

MACFORMAT ESSENTIALS

84 PAGES OF ADVICE!

The UK's no. 1 Mac magazine

Do more in Photoshop

Use the Smart Brush to get results

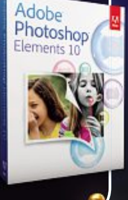
iPhoto tips and tricks

How to pick the perfect picture

Work smart in Numbers

How to perform quick calculations

THE LATEST KIT REVIEWED



- > Photoshop Elements 10
- > Premiere Elements 10
- > Fujifilm FinePix X100

AND MUCH MORE!

Production
Scene
Roll

iMOVIE

10 ways to create Hollywood effects!

Add great special effects, dolly zoom and stabilise shots

Make professional movie trailers for your latest epic

Create a great split-screen effect and much more!

iPAD & iPHONE

Upgrade for free

10 reasons you'll love iOS 5

Windows on a Mac

We test the new Parallels 7

GROUP TEST

Never lose a file

6 Time Machine alternatives

ON THE DISC

- > **Scrivener 1.54** Full copy of the great word processor
- > **VinylStudio 8.0.5 Lite** Digitise your record collection

techradar.com

NOVEMBER 2011 £5.99 £6 OUTSIDE UK & ROI

11>

9 771353 851021

Future MEDIA WITH PASSION

World's Only External Batteries for MacBook®

HyperJuice™

2 Ways to Connect HyperJuice to MacBook

HyperJuice
MacBook Air

HyperJuice

HyperJuice External Battery for MacBook comes with an auto/airline adapter that connects to the Apple MagSafe Airline Adapter* to power the MacBook.

*MagSafe Airline Adapter is sold separately by Apple®. It provides power for the MacBook but does not charge the battery. If you want to charge the battery, refer to HyperJuice Magic Box.

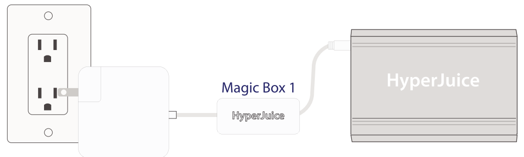
HyperJuice also connects directly via optional Magic Box to power and charge the MacBook.

See below for more information.

HyperJuice Magic Box

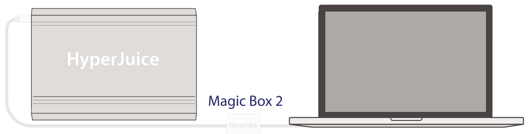
Comes with everything to modify your existing Apple MagSafe Adapter in a few minutes to do the following:

1


Magic Box 1
HyperJuice
HyperJuice

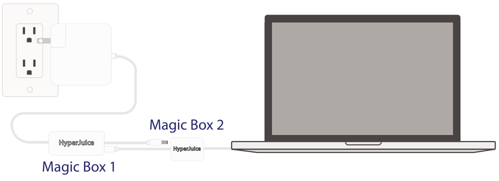
Recharge HyperJuice with your MagSafe Power Adapter.

2


HyperJuice
Magic Box 2

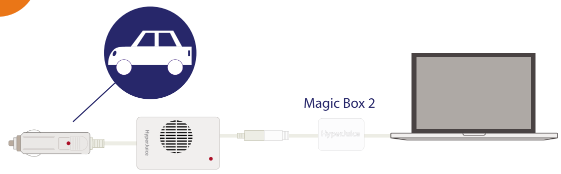
Power & recharge your MacBook with HyperJuice.

3


Magic Box 2
HyperJuice
HyperJuice
Magic Box 1

Retain the usage of your MagSafe Power Adapter.

4



Use your MacBook in the car with FREE car charger.

© 2011 Sanho Corporation. Apple and MacBook are registered trademarks of Apple, Inc. All rights reserved.

hyperjuice.com

Welcome…

to MacFormat, the UK's No. 1 Mac magazine

>> SUBSCRIBE!

Subscribe to *MacFormat* to **save 35%** on the newsstand price, and get Sennheiser MM30i headphones. **Turn to p64 to sign up!**

There has been a huge influx of great new Mac software this month, and we're reviewing it this issue. We kick off with two major new releases from software giant Adobe – *Photoshop Elements 10* and *Premiere Elements 10*. And there's also been a new version of *Parallels Desktop 7*, one of the two leading virtualisation apps for the Mac.

But the big news this month is that we've also been hard at work making our own app here at Future towers! It's the app edition of our sister magazine *Tap!* and it's available for the iPad. Like the print publication, the app is designed to help people discover the best apps, games and kit for their iPad (or iPhone and iPod touch). It features video previews of games and apps, 360-degree product views and the ability to share content from the app over Twitter or email. And, of course, you can read a review, then tap to buy the app, all on your iPad. Look for it on the App Store, or find out all about it at **www.tapmag.co.uk/app**.

With all this great software, all we need now is Apple to release the much-anticipated iPhone 5 (hopefully by the time you read this) and we're all set for Christmas. Enjoy the issue and I'll see you on 9 November for more from *MacFormat*!

Graham Barlow, Editor
graham.barlow@futurenet.com
twitter.com/MacFormat

>> THIS ISSUE'S HIGHLIGHTS

> Startup
All the latest Apple news **p6**

> Why you'll love iOS 5
A free upgrade for all iPhones! **p24**

> Hollywood effects
How to make better movies **p30**

> How to…
Creative Mac tutorials **p43**

> 80 Lion tips
Discover hidden OS X changes **p68**

> New reviews
The latest kit, games and apps **p85**

> Buyers' Guide
The best Mac buying advice **p115**

>> MEET THE TEAM / YOUR MACFORMAT EXPERTS!

Rob Mead-Green

Deputy Editor

"I'm really excited about iOS 5, especially some of its big new features like Notification Center, Reminders and finally, Wi-Fi Sync."

Rob's top 10 reasons to love the new iOS 5 p24

Ian Osborne

Reviews Editor

"Now I've used *1Password* for a while, I wonder how I ever did without it. Every Mac owner should have a copy of this wee gem."

Ian discovers an app he can't live without p96

Laurence Cable

Contributor

"I'm having to change the habit of a lifetime – thanks to Auto Save and Versions, I don't need to press ⌘+S every minute!"

Laurence shows you the best of OS X Lion p62

Tim Hardwick

Production Editor

"Time to dig out that handheld video camera movie I made when I was 13 so I can apply slick Hollywood effects to the production!"

Tim finds inspiration in our iMovie feature p30

Alex Thomas

Art Editor

"The new Apple Store in Bologna looks stunning. Apple do such a great job of making their stores fit into a city's landscape."

Alex starts planning a trip to Italy p7

Mac
FORMAT

Contents

● NEWS & OPINION ● STEP-BY-STEP TUTORIALS ● LATEST REVIEWS ● MAC BUYERS' GUIDE

ISSUE AT A GLANCE

Do more with your Mac today

25 pages of great tutorials for improving your Mac skills **p43**

Answers to your Mac questions

Start here for some simple solutions to Mac problems **p78**

Discover the latest Apple kit

Read our verdict on new Apple hardware and software **p85**

Buyers' Guide

Choose your next Mac here!

Don't buy a new Mac until you've read our Buyers' Guide **p115**

Production
Scene
Roll

iMOVIE

10 ways to create Hollywood effects!

Add great special effects, dolly zoom and stabilise shots

Make professional movie trailers for your latest epic

Create a great split-screen effect and much more!

30

WIN! A Pegasus RAID worth over £1,200! PAGE 12

Amazing iOS 5

Ten reasons to love iOS 5 **p24**

80 top Lion tips

Get to grips with the new OS X **p68**

"If any of the tiny moving parts in your hard drive goes awry, it's curtains for your docs…"

BACKUP APPS GROUP TEST P110

MacBook Air

> Parallels Desktop 7

Install a guest OS on your Mac **p58**

> Transform images

Turn your pics into sketches **p48**

"The 'retro' runs deeper than the pretty black and silver design"

FUJIFILM X100 ON REVIEW P87

>> ON THE DISC

> Scrivener 1.54

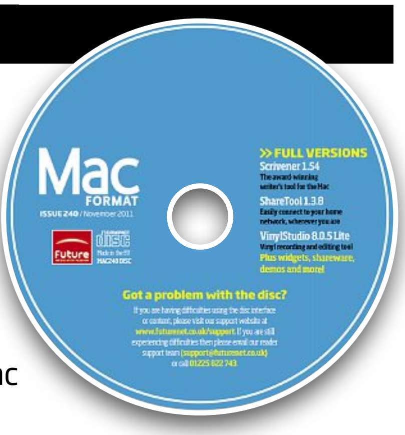
The essential writing tool

> ShareTool 1.3.8

Easily access files anywhere

> VinylStudio Lite

Listen to vinyl on your iPod or Mac


Mac FORMAT
ISSUE 240 / November 2011
Future
disc
MAC240 DISC
>> FULL VERSIONS
Scrivener 1.54
The award-winning writer's tool for the Mac
ShareTool 1.3.8
Easily connect to your home network, wherever you are
VinylStudio 8.0.5 Lite
Vinyl recording and editing tool
Plus widgets, shareware, demos and more!
Got a problem with the disc?
If you are having difficulties using the disc interface or content, please visit our support website at www.futurenet.co.uk/support. If you are still experiencing difficulties then please email our reader support team (support@futurenet.co.uk) or call 01225 822 743

Mac FORMAT
All your Apple needs
>Mac >iPad >iPhone
>Issue 240 November 2011
80 LION TIPS
Discover hidden features of the new OS X p68
MACFORMAT ESSENTIALS
84 PAGES OF ADVICE!
The UK's no. 1 Mac magazine
Do more in Photoshop
Use the Smart Brush to get results
iPhoto tips and tricks
How to pick the perfect picture
Work smart in Numbers
How to perform quick calculations
THE LATEST KIT REVIEWED
> Photoshop Elements 10
> Premiere Elements 10
> FujiFilm FinePix X100
AND MUCH MORE!
iMOVIE
10 ways to create Hollywood effects!
Add great special effects, dolly zoom and stabilise shots
Make professional movie trailers for your latest epic
Create a great split-screen effect and much more!
IPAD & IPHONE
GROUP TEST
ON THE DISC
> Scrivener 1.54 Full copy of the great word processor
> VinylStudio 8.0.5 Lite Digitise your record collection
Upgrade for free
10 reasons you'll love iOS 5
Windows on a Mac
We test the new Parallels 7
Never lose a file
6 Time Machine alternatives
techradar.com
Future

>> Regulars

Start-up
Hot Apple news **6**

Competition
Win a Pegasus RAID storage system **12**

Me & my Mac
At home with a Mac **14**

I use my Mac for…
Making movies **16**

Gadgets
Great new kit **18**

Feedback
Have your say **20**

10 reasons to love iOS 5
A look to the future **24**

Make amazing films in iMovie
Create Hollywood effects for your films **30**

How to…
Improving Mac skills **43**

Subscribe to MacFormat
Never miss an issue again! **64, 93**

80 Lion tips
All you need to get the most out of Lion **68**

Q&A
Problems solved **78**

Reviews
Definitive tests **85**

Buyers' Guide
How to choose your new Mac **115**

Mac User Groups
Meet with others **126**

Disc pages
On your disc **129**

>> WHY NOT ALSO TRY?

We've launched a new magazine app for the iPad. Search for Tap on the Store or head to **www.tapmag.co.uk/app** to find out more!

WELCOME: A NOTE FROM THE EDITOR
Tap!
SPEAKER DOCK MEGA TEST!
100 GREATEST APPS OF ALL TIME
Working on the go
TAP FOR MORE!

Start up

New iPhone 5 on the horizon?

Rumours fly as mobile phone carriers leave hints of new iPhone

A fifth generation is imminent, but will it be in time for Christmas?

This Christmas promises to be huge for iPhone sales as pent-up demand explodes on October's introduction of the iPhone 5.

As we go to press, rumours are flying around concerning the new device, with carriers worldwide dropping hints that the public will see the iPhone hit the UK just in time for the holidays.

Orange CEO, Stephane Richard told a French news channel: "If I believe what we heard, the iPhone 5 will be released [on] October 15."

Vodafone accidentally published iPhone 5 details online with iPhone-watchers noting that 16GB and 32GB models would be made available – there had been some expectation of a 64GB configuration.

An O2 customer services rep allegedly told a Know Your Mobile source to expect the iPhone in the UK on 21 October.

Much of what Apple has planned depends on how swiftly the company can finalise work on iOS 5. Concord Securities analyst Ming-Chi Kuo predicts the GM iOS 5 software should have reached manufacturers in the week between 23-30 September. This means it's possible the device could hit the US in mid-October, with international release potentially staggered in the weeks and months following that. Reports from Apple's Asian manufacturers confirm iPhone manufacturing has already begun at Pegatron and Foxconn.

Apple seems set to take major steps away from exclusive carrier deals in many countries. In the UK, we'll see the device made available via most major networks; in the US, AT&T and Verizon will be joined by Sprint, but the biggest story is in China, where the world's largest mobile carrier, China Telecom is expected to offer the device. That's significant because it could generate more than one million iPhone sales before the end of the year.

Demand is likely to be off the charts: RBC analysts Mike Abramsky, Mark Sue and Paul Treiber told clients that their own surveys suggest that 31% of existing iPhone users are very or somewhat likely to upgrade to the device, "significantly exceeding pre-launch iPhone 4 demand". That latter demand stood at an also-impressive 25%.

>>MORE NEWS
@ For even more on the Mac, iPod and iPhone, visit
www.macformat.co.uk

APPLE IN PICTURES / Apple opens new Italian Apple Store

Setup personale

© Valerio Agolino Photojournalist / Alamy

APPLE STORE IN BOLOGNA

How is this for a view? The new Apple Store at Via Rizzoli, Bologna, Italy, opened in September. It's the country's sixth Store.

With so much expectation for the new model, you'd imagine iPhone 4 sales would be slow, but this has not been the case, said Canaccord Genuity analyst Mike Walkley. His research shows the iPhone 4 as the top-selling smartphone at both AT&T and Verizon in August, "despite consumer speculation regarding the upcoming iPhone 5 launch."

The figures revealed 13% of respondents said in August 2011 that they are "very likely" to buy a fifth-generation iPhone, while 18% said they are "somewhat likely."

Apple is planning for demand when the iPhone hits the market, with Digitimes claiming the company hopes to sell 22 million iPhones in its fourth quarter (comprising both iPhone 4 and 5).

APPLE IN NUMBERS

2%

Apple's year-on-year US Mac sales are up, up and away

"Shipments of iPhone 5 from the supply chain are expected to reach 5-6 million in September and top over 22 million units in the fourth quarter," Digitimes said.

Inclusion within the Apple iPhone chain is a big deal for component makers, who otherwise face depressed sales and lower-than-anticipated returns from nearly every other consumer electronics vendor.

"Lens maker Largan Precision, touch-panel maker TPK Holding, reinforced glass supplier G-Tech Optoelectronics and battery vendors Simplo and Dynapack are all operating at full swing currently, the sources indicated," explains Digitimes.

Component supplier, Qualcomm, is also in the frame: that company has been tasked to produce a near-field communication (NFC) chip for a future iPhone, *The New York Times* informs. It isn't clear if this chip will be used in the immediate fifth-generation iPhone, or if it will be marshalled inside the iPhone 6, but Apple is understood to have been working to deliver NFC-based payment solutions, most likely based on using iTunes as a virtual bank. NFC also opens opportunities for use of your phone as a wallet, house keys and more.

Looking ahead, Apple continues to extricate itself from its previous relationship with Samsung, most recently finalising a deal with Taiwan Semiconductor Manufacturing Co. (TSMC) for the production of the next two generations of A-series Apple mobile processors. TSMC will build these chips using its 28nm and 20nm process technologies, beginning with the (presumably to be called) A6 chip. Apple remains in with Samsung for the current and previous A-series processors. ●

"How much would you pay for an Apple-branded box? £1,000? £2,000? £5,000?"

Rob Mead-Green questions his inner bank manager… »

Apple talk

Who's saying what?

Bono

www.joinred.com

"Steve Jobs said, when we first approached him about (RED), 'There is nothing better than the chance to save lives.' I'm proud to know him; he's a poetic fellow, an artist and a businessman."

U2 singer defends Steve Jobs' philanthropy.

Stevie Wonder

www.steviewonder.net

"There is nothing that you can do on the iPhone or iPad that I can't do."

Music legend thanks Apple and Steve Jobs for iPhone accessibility.

John Sculley

www.johnsculley.com

"I wish I told Steve 'This is your company, let's figure out how you can come back and be CEO'."

Ex-Apple CEO regrets falling out with Jobs.

Steve Ballmer

www.microsoft.com

"We haven't sold quite as many as I would have liked in the first year."

Ballmer won't quite admit Windows phone failure.

Martin Fichter,

www.htc.com

"If you look at a college campus, MacBook Airs are cool. iPhones are not that cool anymore. We are using iPhones, but our children don't even think that they are cool any longer."

HTC boss displays his sour grapes.

>> IN THE SPOTLIGHT

Hoping for a real Apple TV

Rob Mead-Green

Financial analysts have predicted Apple will finally launch a proper Apple TV next year. It sounds like a great idea and there is some evidence to support it: from TV-related patents, iCloud and rumours surrounding 1080p movies on iTunes, to alleged deals with manufacturers over component supplies and panels. Even Steve Jobs has hinted that something could be afoot.

Apple could certainly bring a lot to the party: a big LED Cinema or Thunderbolt display would be the perfect addition to any living room. Imagine a unibody display with glass screen on your wall, built-in access to iTunes videos, TV shows and movies; an iOS-style user interface and downloadable applications. Think of it as a super-sized iMac with wireless mouse and keyboard or a touchscreen multi-touch remote. Then imagine the premium Apple would charge you for it… And that's where the idea starts to unravel.

The reality is that the TV business is tough. You have to innovate fast, innovate hard and be better than the competition. You have to price your products to compete and then watch as those prices get slashed. You have to expect that your profit margins will be slim or non-existent. TV manufacturing is in such a bad way, in fact, that even big names have fallen victim: in 2009, Pioneer was almost forced out of business after becoming over-reliant on its premium plasma TV business, while Philips sold off 70% of its TV division to Chinese company, TPV, last April.

"Apple could bring a lot to the party: a big LED Cinema or Thunderbolt display would be the perfect for any living room"

The other question is how much you would want to pay for an Apple-branded box? £1,000? £2,000? £5,000? Why would you when you can pretty much achieve the same with an iMac and an Elgato TV tuner – or a Mac mini and a Thunderbolt display? You could even use the existing £101 Apple TV that Apple has already.

Which leaves one final thought: if Apple is serious about getting into the TV business, it needs to pull off a game-changing product that'll have the pulling power of the iPhone, iPad and iPod combined. If it doesn't, it'll get eaten alive.

Rob Mead-Green was the first boy in his street to have a colour TV. He coloured it in using orange and blue felt-tip pens.

SAMSUNG
9:02 AM
Phone
Readers Hub
Navigation
Camera
Places
Music
Video
Calendar
Thinkfree
Market
Browser
Applications
Email

Apple pulls out all the stops to remain on top.

>> THE WAR ON PHONES

Apple triumphs over Samsung

The feuding continues with a clear winner

The Apple-Samsung relationship continues to unravel. And now, for once, the iPhone and Mac company has hit its most important old supplier where it hurts, acting to have the Galaxy tab range banned in multiple countries in Europe because it looks like a copy of the iPad it competes with.

Apple has also sued Samsung in the UK, Japan, US and many other countries as both firms continue to litigate against each other. At present there are at least 20 patent suits between the two former allies. A Dutch court has already sided with Apple and banned Samsung Galaxy sales in Europe, while Samsung was forced to remove its Galaxy Tab range from view at Berlin's IFA trade show, once it was banned in Germany.

Apple has lodged patent-infringement suits against HTC and Motorola, and recently settled its dispute with Nokia. Google has passed ownership of some recently acquired IBM and Nortel patents to HTC to protect its Android partner. Google is seeking to protect its Android OS, offering in excess of $12 billion to purchase Motorola Mobility and its thousands of patents. Google CEO Larry Page says there's a "hostile, organised campaign" against Android by rivals Apple and Microsoft.

Florian Mueller at FOSS Patents believes Google may not be in a winning position: "I'm more convinced than ever that Google's offer for MMI was driven by mutual weakness, not strength, and by MMI's threats against Android, not by a Google strategy to protect Android against the likes of Apple and Microsoft."

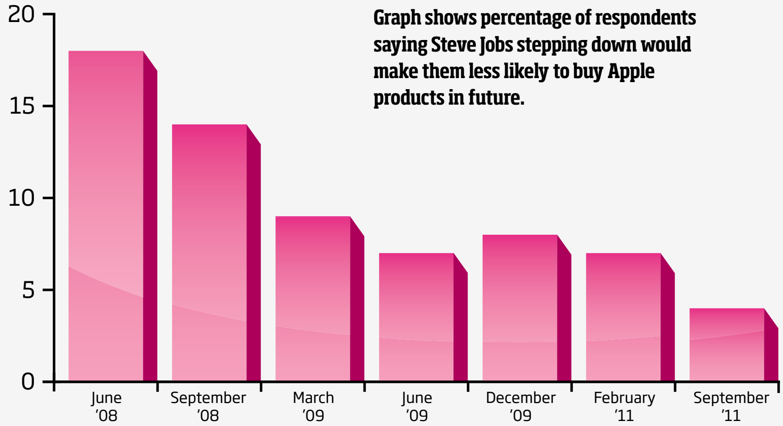
These decisions come as RIM, HP, Sharp and others reduce their presence or withdraw from the tablet device market, beaten by the iPad's huge market share. Competitors have failed to dent the iPad's market dominance, with HP pulling its TouchPad completely, following a fire sale. Microsoft has announced plans to enter the fray with its own tablet-friendly Windows 8 OS next year, but Apple still retains near 70% of tablet sales. ●

>> APPLE IN NUMBERS

19

Apple sold 19 iPads for each BlackBerry PlayBook RIM sold

>> APPLE IN NUMBERS / Sales without Jobs



Graph shows percentage of respondents saying Steve Jobs stepping down would make them less likely to buy Apple products in future.

>> APPLE MANAGES CHANGE

Steve Jobs' resignation isn't hurting demand for Apple products, according to ChangeWave Research. Just 4% say Jobs' resignation makes them less likely to buy Apple products in future, while 89% say it has no effect on future Apple purchases. Asked the same question during Steve Jobs first leave of absence in 2008, nearly one in five respondents (18%) said they would be less likely to buy Apple products if he stepped down.

>> NEW IN POWER

Towards the 24-hour MacBook

Get your Mac going with daylight alone…

Steve Jobs once said the MacBook Air "is the future of laptops." Thanks to Intel, that's what's happening. The processor giant is developing Haswell processors; low-power chips that could power an Air for 24 hours, and recharge themselves from the light in the room.

Does that sound a little bit far-fetched? In fact, Intel revealed its Haswell technology at its Intel Developer's Forum (IDF) in September. These 22-nanometre 3D transistor chips deliver ultra-low power consumption, demanding around 95% less power than current chips. Intel even demonstrated a Haswell-based Windows PC running off a solar cell accumulating power from a single lightbulb.

Intel has confirmed up to eight cores are available in the chips, which offer up to 32MB L3 cache, 1MB L2 cache per core and a new cache design. The processors are also available for use in mobile devices.

Haswell chips aren't intended solely for the Mac. Intel has put up $300 million to help drive development of iPad- and MacBook Air competing devices, and is developing Remote Wipe features Mac users will soon take for granted with Lion, iCloud and Find My Mac. Intel also revealed it's making alliances with Android handset makers for use of its processors in future mobile devices. Are there signs of a rift? Earlier this year the rumour was Apple is testing MacBook models running an ARM-based A5 chip. ●

>> APPLE IN NUMBERS

68.3%

Apple's iPad took the lion's share of global tablet sales.

HOT OR NOT?

The latest word from the Apple rumour mill

HOT: Apple may restore iDisk
iCloud lacks iDisk and some application sync support. However, CEO Tim Cook says these could return if there's enough feedback on the subject.

HOT: AirPort Express update?
Shortages of the existing model hint an AirPort Express upgrade is on its way, with a new model cited in unreleased AirPort Utility code.

NOT: iCloud for Snow Leopard?
MacRumors has claimed that Apple will enable iCloud services for Snow Leopard. It's a compelling claim but we think it may not happen.

NOT: Apple buys RIM
There's some speculation that Apple may respond to Google's Motorola acquisition with its own purchase of RIM to secure smartphone patents. This isn't happening.

Apple on TV

The Mac is ready for its close-up

Did you spot the iPhone at the Namco amusement centre in the most recent series of *The IT Crowd*? You did? Would you have climbed inside the machine to get hold of the device, or are you waiting for version five?

If you've spotted a Mac on television, then email macformat@futurenet.com and tell us all about it!

>> ACROSS THE POND

A load of crapulence

Susie Ochs

San Francisco is a fun town. Maybe too fun. People in the tech press were aghast last spring when an iPhone 4 prototype allegedly left behind at a bar turned up on Gizmodo.com. Especially after the police broke down Gizmodo reporter Jason Chen's door and seized his computers. Chen won't face charges thanks to California's shield law that protects journalists' sources. But the two twenty-somethings who sold the lost iPhone 4 are still on the hook, meaning that 18 months later - an eternity in 'phone time' – the case isn't resolved.

Then it happened again. This time in a tequila bar: Cava 22, in SF's Mission District; and the unreleased prototype is most likely the iPhone 5. No pictures surfaced - CNET.com broke the story but the phone itself hasn't turned up. Apple's security team traced it to a house relatively nearby, and that's where things got sticky. Apparently, they were accompanied by plain-clothes (possibly off-duty) police, and convinced the resident, Sergio Calderon, to submit to a search even though they didn't have a search warrant and ultimately found nothing.

> *"Then it happened again.The time in a tequila bar; and the unreleased prototype is most likely the iPhone 5…"*

The latest tale has a few funny parts. The SFPD's spokesman is Lt Troy Dangerfield, and the tequila-bar owner told CNET, "I guess I have to make my drinks a little less strong." But other parts are far more sinister. Apple's security team allegedly tried to intimidate Calderon by asking if everyone in the house was in the United States legally, and Calderon thought they were all police, not Apple employees. The SFPD even changed its story, first saying they had no record of the incident, then later claiming officers were present but never entered Calderon's home. What started as one story on CNET exploded - even my non-tech-savvy mother heard about it.

Lessons for Apple? Give your prototypes to teetotallers. But if another prototype gets out anyway, dial down the intimidation and hope the story goes away. Or change the conversation by, hmm, releasing the phone?

Susie Ochs, Senior Editor of *Mac|Life*, is unusually getting around deadline by NOT adding any Bourbon to her ginger beer.

>> ADOBE INITIATIVE

iPhone gets Flash, but without Flash

Adobe gets clever to bring Flash to devices

Adobe has figured out a way to bring *Flash*-encoded video assets to Apple's iPad, iPhone and iPod touch, but *Flash* isn't required.

Announced at broadcasting tradeshow, IBC, Adobe's Flash Media Server 4.5 and Flash Access 3.0 offer content publishers a unified format from which they can publish to multiple devices, even those that can't normally handle *Flash*.

"With Adobe Flash Media Server 4.5, media publishers now have a single, simple workflow for delivering content using the same stream to *Flash*-enabled devices or to the Apple iPhone and iPad," the company explains.

This server-side solution transcodes a *Flash* video into a protocol to suit the target device, HTTP Dynamic Streaming or HLS, for example. Because the coding is handled by the server, an iOS device should be able to access much *Flash* video content. And that's without the battery life and performance problems that plague some mobile devices when running *Flash Player*.

Adobe explains the new support will eventually mean businesses can use the same media and live streams to send, "full adaptive bit-rate experiences to platforms supporting *Flash*, as well as Apple devices."

It's not a complete solution. Much of what Adobe calls the '*Flash* experience' remains unsupported on iOS devices, so you won't get extra features.

In related news, Adobe has seen a 45% increase in demand for its video content creation tools for Mac users since Apple introduced *Final Cut X* to criticism from its pro users. ●

>> APPLE IN NUMBERS

78%

Satisfied Apple customers - best rating in the business

Stockwatch

A look at the world of Apple business with Clem Chambers

Apple is bigger than Exxon. I promised to short Apple when this happened, but when sat on the edge of a financial abyss shorting anything probably wouldn't be a great move.

Stocks like Apple do well even in market crashes and recessions. In the 1930s, radio stocks shone while everyone else got poured on.

The news of Jobs stepping down has not caused much of a setback, nor has the word of the new iPhone being an incremental revision. The share price is being roiled but has bounced back better than the rest.

Meanwhile, Apple is at war with Google and others trying to steal Apple's crown. There may be a patent war so large it could reshape world patent laws in its aftermath.

As far as Apple stock price goes; the market seems oblivious to the retirement of Jobs, part II of the economy's implosion and Apple's engagement in a huge legal battle. Normal rules do not apply…

Clem Chambers is CEO of ADVFN, Europe's leading stocks and shares website.

>> STORE SETBACK

Apple targets Cheapside

Financial district store may not see the light of day

Apple retail has hit unexpected hurdles in the attempt to open up a retail store in London's financial district.

According to Reuters, Apple hopes to open a store on the ground floor of a 10-storey construction at 100 Cheapside, but the developers behind the project have been stopped in their tracks because existing buildings surrounding the site may see their protected access to sunlight impinged upon by the development.

These complaints may not derail the project. The City of London has asked its transport and policy committees to give it the power to override the laws, which allow neighbours to stop developments that block their sunlight, citing the economic benefits the scheme may bring to the local area. Apple already has two major retail outlets within easy reach of Cheapside, most notably its Covent Garden store and its Regent Street flagship on Regent Street.

Apple retail is on a roll, even as the company prepares to lose its retail chief, Ron Johnson, who is taking on the CEO's role at US high street retailer, JC Penney. Some have observed Johnson's decision to leave the company was announced a relatively short time before Apple announced the promotion of Tim Cook to Steve Jobs' recently vacated post. At the time of his JC Penney appointment, Johnson did say he had always wanted to lead a major high-street retailing firm. ●

>> APPLE IN NUMBERS

1 in 10

One in ten UK primary school children owns an iPhone

>> CUE TO RULE

Apple's iTunes chief will run the iCloud

Apple longtimer on board to lead iCloud and iTunes

Apple has promoted iTunes and MobileMe chief, Eddy Cue, to Senior Vice President of Internet Software and Services.

Cue (who has a reputation for being a shrewd, but relaxed businessman with an eye for detail) will join the executive team and will report directly to new Apple CEO, Tim Cook.

The new executive joined Apple 22 years ago and played a major role in creating Apple's online store in 1998, the iTunes Music Store in 2003 and, more recently, the App Store. He's also played his part in the development of *iLife* and has a background in software engineering and customer support.

"Apple is a company and culture unlike any other in the world and leaders like Eddy get that," wrote Cook in an internal email announcing the promotion. "Apple is in their blood. Eddy and the entire executive management team are dedicated to making the best products in the world that delight our customers and make our employees incredibly proud of what they do."

Cue will lead the iCloud and iTunes teams as they work to deliver reliable, secure and efficient cloud-based services to the mass market. Industry watchers believe that this is just the start and that iCloud will eventually envelop all Apple software and devices, delivering an end-to-end solution for accessing content and creation of new documents, images and other media from across Apple's iOS and Mac ecosystems. ●

Virtual Private Servers

Way more Powerful
then shared,
but a fraction of
the cost of dedicated.

Easy managed
Choice of distro
Custom setup
Fraction the cost
Powered by Virtuozzo
Dell server

We could go on...

sales@blacknight.com
www.blacknight.com
0844 4849361

BLACKNIGHT SOLUTIONS

powered by Parallels™

COMPETITION

PRIZES WORTH OVER £1,200!

Win! A Promise Pegasus RAID R6 1TB drive bay

This RAID drive gives Thunderbolt speeds and up to 6TB of storage

This Promise Pegasus RAID R6 is definitely a pro-tool piece of kit. With six 1TB drives pre-installed, it comes pre-configured in RAID 5 format. This gives 5TB of storage, but if any of your drives fail, you can replace it without losing data. Naturally, you can re-configure it with another RAID setting if you wish.

The Pegasus's Thunderbolt connection is blisteringly fast. In our tests, it achieved a random read rating of 240.745 MB/sec, and a random write speed of 229.124 MB/sec. If you're a video editor, a power user or simply appreciate lots of really fast storage, the Pegasus RAID R6 is for you.

Exclusively Thunderbolt, Pegasus Promise RAID R6 1TB is the ideal companion for the latest range of Macs that offer Thunderbolt connectivity. It costs over £1,200 in the shops, but we've got one to give away.

The Question

To stand a chance of winning one of these superb prizes, just answer the following simple question:

In Greek mythology, what is Pegasus?

A) A woman with snakes for hair

B) A flying horse

C) A creature that's half man, half bull

For more information on the Pegasus RAID, and more great Promise products, be sure to visit **www.promise.com**.

HOW TO ENTER

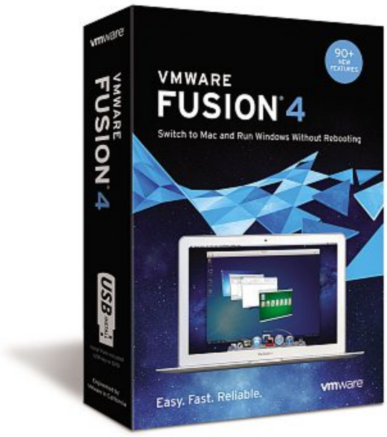
- To enter, text RAID, followed by a space then your answer (A, B or C), space, then your name and address to 87474; or enter via our website at **www.macformat.co.uk** and click on the **Competition** link.
- By sending your entry, you agree to these competition rules and you confirm you are happy to receive details of future offers and promotions from Future Publishing Limited and carefully selected third parties.
- If you do not want to receive information relating to future offers and promotions, please include the words NO INFO at the end of your text message.
- Texts will be charged at £1 plus your standard network tariff rate.
- Competition closes on 8 November 2011.

VMWARE FUSION® 4

Switch to Mac and Run Windows without Rebooting

VMware Fusion
File
Edit
View
Virtual Machine
Window
Help
Windows 7 x64 Ultimate
Recycle Bin
MacBook Air

Easier. Faster. Unparalleled Reliability.


vmware
VMWARE
FUSION 4
Switch to Mac and Run Windows Without Rebooting
90+ NEW FEATURES
USB
Easy. Fast. Reliable.
vmware

VMware Fusion 4 makes it a breeze to run your Windows and Mac applications side by side with incredible speed and the reliability you need. With more than 90 new features and optimized for today's multi-core Macs and OS X Lion, VMware Fusion 4 is better than ever.

Try it for free today at www.vmware.com/fusion

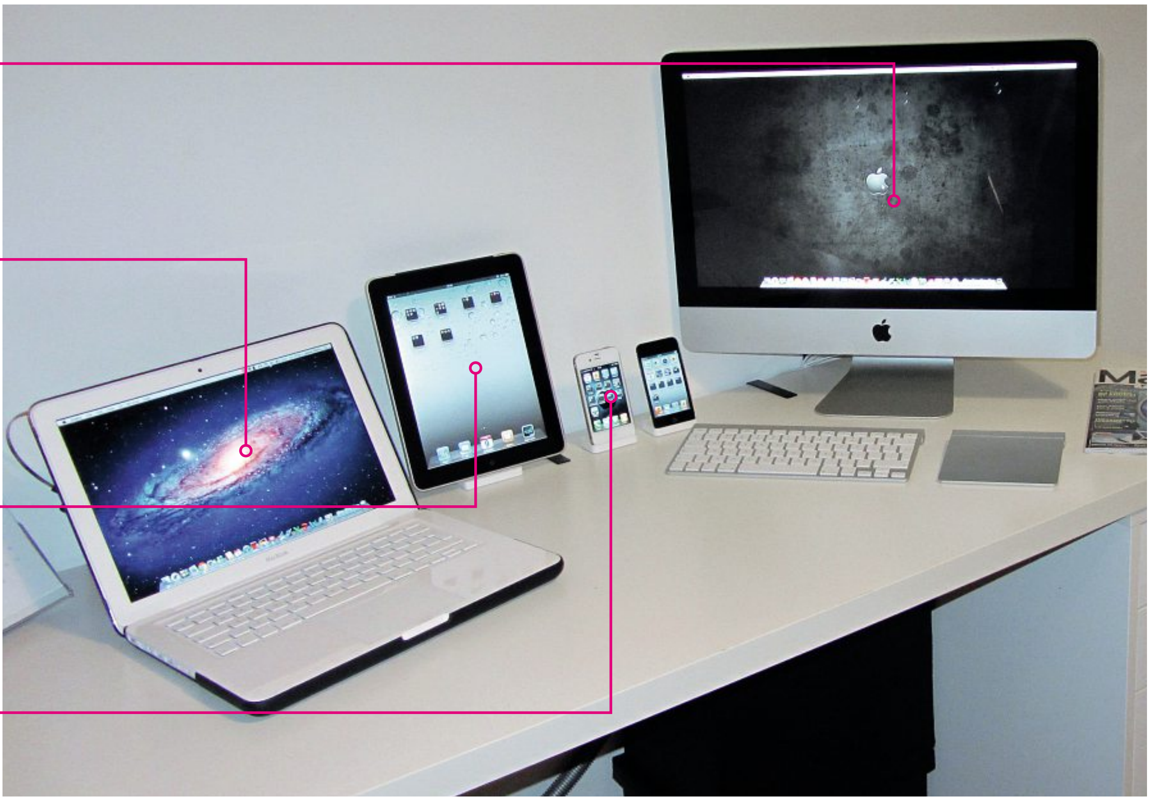
vmware®

© 2011 VMware, Inc. All rights reserved. VMware is a registered trademark of VMware, Inc.

Me&MyMac

MacFormat readers share their beloved Mac setups

>> CONTACT US
Want to share your Mac setup with us? Send a photo of your kit to **rob.mead-green@futurenet.com**



iMac 21.5-inch
Paul's iMac is a 3.06GHz Intel Core 2 Duo model with 8GB of RAM, which he mainly uses for *iTunes*.

MacBook 2.4GHz
Generous dad, Paul, gave this laptop to his eldest daughter as a reward for her hard work studying.

iPad Wi-Fi + 3G
Perfect for everything from sofa surfing to playing games, Paul's iPad has 16GB of storage.

iPhone 4 32GB
Paul's fascination with all things Apple began when he swapped his BlackBerry for an iPhone 4.

>> PROFILE

Name: Paul Davis
Occupation: Senior IT manager
Been using a Mac for: 12 months
Favourite hardware: iMac
Favourite software: iTunes

Even a casual glance around Paul Davis' minimalist study would convince you that he's a massive Apple fan: there's an iMac here, a MacBook there, an iPhone, an iPad and even an iPod or two. But in fact, Paul is a very late adopter – getting his first Apple product, an iPhone 4, just 12 months ago. Hasn't he, erm, gone a little Apple mad?

"It all started with my conversion from BlackBerry to iPhone, as recommended by a work colleague. I was amazed at the functionality and how straightforward it was to use compared to the RIM device I used previously," Paul says.

From then on, Paul and his family acquired Apple kit at a surprisingly rapid rate. First it was Paul's own iPhone 4. This was soon joined by an iPhone for his wife, an iPod each for Paul's two daughters, followed by two Apple TVs. Then came an AirPort Extreme, an AirPort Express, a 21.5-inch iMac, an iPad Wi-Fi + 3G and finally, a MacBook to help Paul's eldest daughters with her studies. Wow.

> *"Having been a Windows user for many years, I was blown away by the Mac's ease of use"*

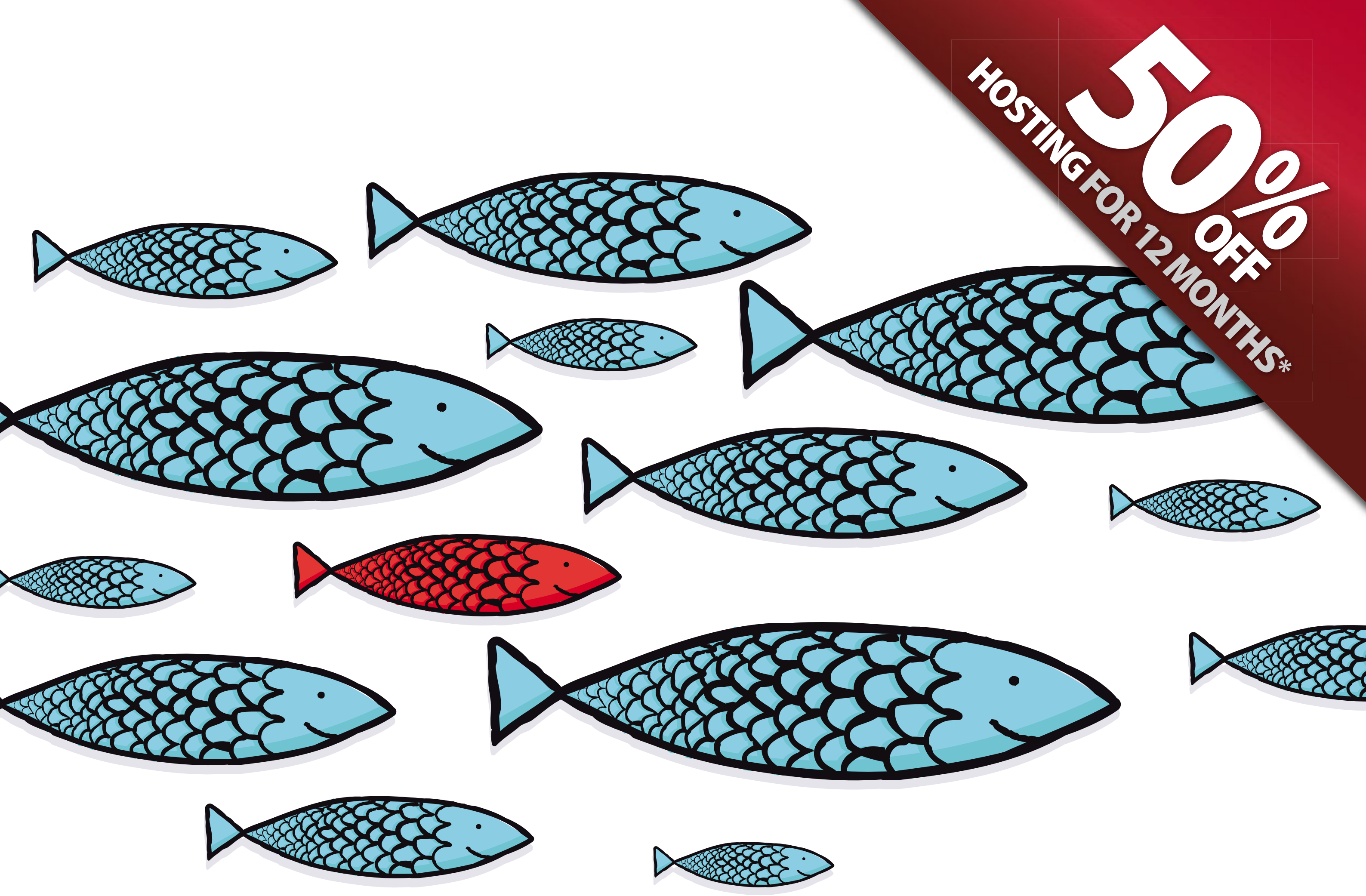
Paul's Road to Damascus moment is doubly surprising, because he isn't just a senior IT manager at a major blue chip company where Wintel PC boxes rule the roost. He's also been an adherent of Microsoft's operating system since he first started using it, back in 1992.

But as Paul now knows only too well, once you go Mac, you can't go back – and his iMac is now his favourite piece of kit.

"I was simply blown away by the ease of use, the performance and the aesthetics of both the hardware and Mac OS X," he says.

As a relative newbie, it's *iTunes* on his Mac that gets most of Paul's attention. But he is slowly starting to experiment with other applications too, including Apple's productivity suite, *iWork*, which includes *Keynote*, *Numbers* and *Pages*:

"[*Numbers* and *Pages*] are excellent applications that provide real competition to Microsoft's *Office* products." That's high praise indeed from someone in such a senior IT position as Paul. Let's hope his enthusiasm for everything Apple and Mac rubs off on some of his co-workers – and maybe friends and extended family too! ●



Stand out from the crowd...

Scaled-up web-hosting packages at half price for 12 months

It's not a red herring – you can get one of our scaled-up web-hosting packages at **half price for 12 months**. That means more web space and databases plus a whole host of features, including **Microsoft Exchange 2010 email.**

You'll also get the peace of mind that comes from **UK data centres and 24/7 customer support over the phone or online**.

Our promise: ✓UK hosting ✓No setup fee ✓No nasty surprises

BUSINESS STANDARD
£4.49pm (£5.39 inc VAT)
Normal price £10.79 inc VAT

scaledup
hosting features

Packages include:

- 100GB web space
- **FREE** TrafficDriver SEO Tool
- ASP.NET 3.5 with AJAX extensions
- **FREE** .uk domain name
- OneClick Installer (Linux)
- 5 MySQL databases

...and much more

Check out our other packages from just £2.49 at ***Fasthosts.co.uk/hosting***

Microsoft Global Hosting **Partner of the Year 2011**

See how you could get more for less at:
fasthosts.co.uk/scaledup
0808 1686 777

© 2011 All rights reserved. Fasthosts and the Fasthosts logo are trademarks of Fasthosts Internet Ltd.
*Offer subject to a minimum 12 month contract. Offer, prices & product specifications valid from 8th August 2011.
All prices exclude VAT unless otherwise stated. Terms & Conditions apply, see website for details.
No fish were harmed in the making of these adverts.

Follow us on:

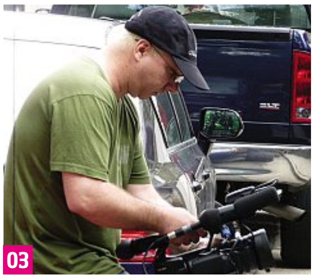
fasthosts™
World Class Web Hosting

Microsoft Partner Network
2011 PARTNER OF THE YEAR
Hosting
Winner
Microsoft GOLD CERTIFIED Partner

01

02

04


03

[01] Pro-quality podcasting isn't easy. **[02]** Emery Emery certainly has more Macs than most. **[03]** On set, filming and directing. **[04]** Emery Emery and singer/actress Heather Henderson host the Ardent Atheist podcast (ardentatheist.com).

Interview: Ian Osborne

I use my Mac for movie making

Film producer, podcaster, radio host and comedian Emery Emery talks to MacFormat

»PROFILE

Name: Emery Emery
Location: Los Angeles, California
Occupation: Film Maker, Director, Radio Show Host, Comedian
Macs owned: Mac Pro, MacBook Pro, Intel iMac, G4 iMac
Web: www.emeryemery.com www.ardentatheist.com
Twitter: emeryemeryii

MacFormat: Tell us about yourself and your career.
Emery Emery: I'm a film maker, radio show host and stand-up comedian. I've edited films, including 2005 documentary *The Aristocrats*, directed and produced Jake Johannsen's comedy set 'I Love You' and ran camera and edited the first season of TV chat show, *The Green Room* with Paul Provenza. I also produced and edited Doug Stanhope's comedy special, *Oslo: Burning The Bridge To Nowhere*.

MF: And your Macs?
EE: I use four Macs. The most powerful is a quad-core Mac Pro for video editing. My MacBook Pro Core i7 is my everyday Mac for writing, web surfing and emailing, as well as recording the radio show in the field and even some film editing. Thanks to MobileMe's Back To My Mac feature, I can also use the MacBook to drive the Mac Pro from across the living room. My old-but-sexy domed G4 iMac sits in the guest room and quietly runs the lighting system in the house. The Intel Core Duo iMac serves as my render farm, guest computer and a spare editing bay for my assistant editor. The studio I use to produce the 'Ardent Atheist' podcast uses an iMac.

MF: What's the most interesting project you've worked on?
EE: I have a very hard time singling out a single project. *The Aristocrats* was the film that put me on the map, so it holds a very special place in my heart. I feel that I owe my entire career to the generosity of Paul Provenza and Penn Jillette.

MF: Why Macs?
EE: The most significant advantage Mac users enjoy is never having to worry about viruses. The interface, stability and functionality of OS X makes all other options seem like computing with an abacus. I have no desire to hunt for corrupt DLL files, root out malware and reformat my hard drive every six months just to keep my computer running.

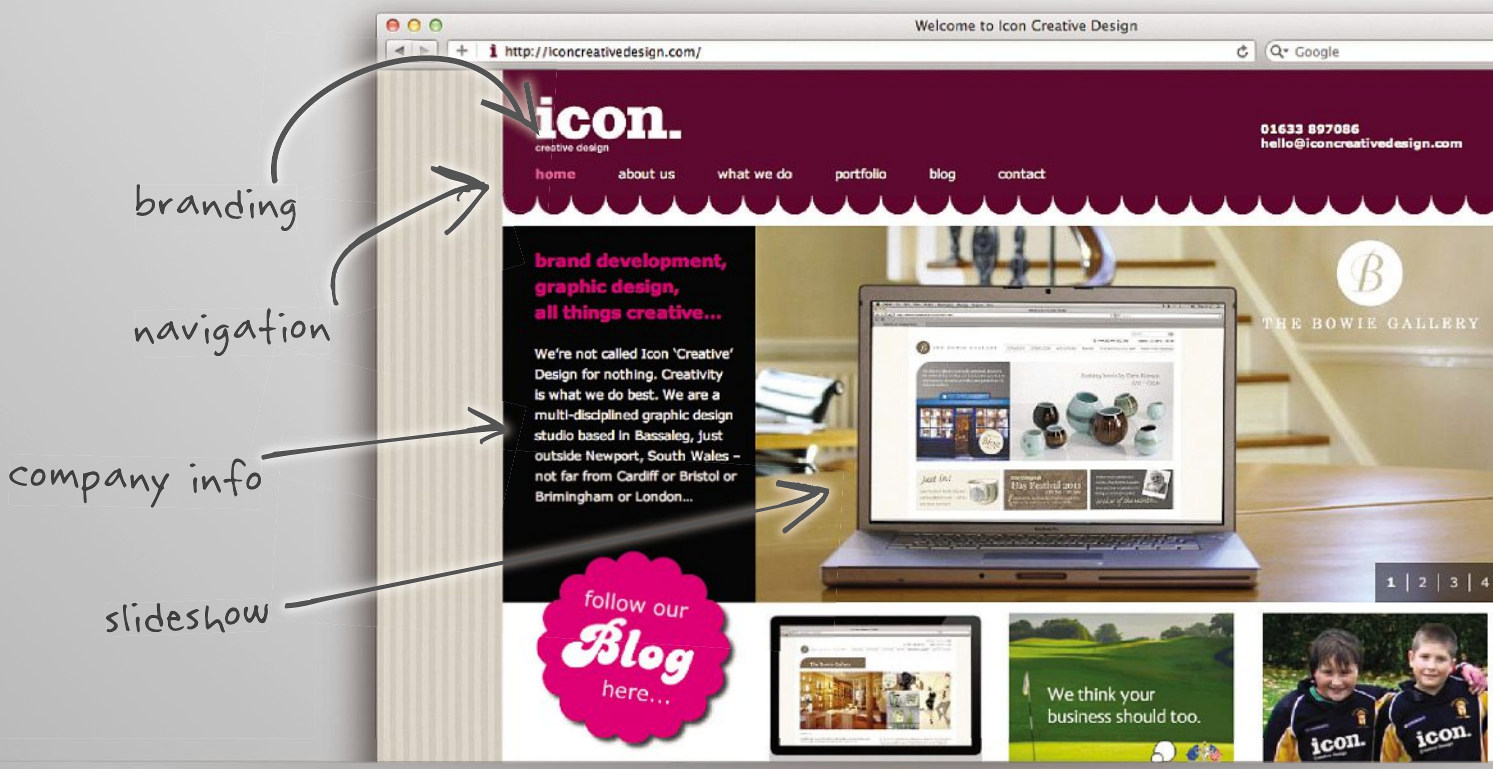
MF: Any thoughts on the *Final Cut Pro X* controversy?
EE: All I have read about *Final Cut Pro X* suggests Apple has made a huge misstep in the evolution of what is currently the most powerful and effective editing suite on the planet. I've not personally used it, but it's clear Apple needs to scrap this version and get back to the business of serving the film community.

MF: Your plans for the future?
EE: I cut sizzle reels and promotional packages for pilot TV shows, some of which should be optioned soon. I'm also in negotiations for a show where comedians and sceptics joke about subjects like vaccinations, pseudoscience, conspiracy theories and other such nonsense that people believe. My hope is to convince folks to begin to think critically, logically and with reason. ●

Freeway

Web design for Mac OS X

Creating the website you need is easy with Freeway


branding
navigation
company info
slideshow
Welcome to Icon Creative Design
http://iconcreativedesign.com/
Google
icon.
creative design
01633 897086
hello@iconcreativedesign.com
home
about us
what we do
portfolio
blog
contact
THE BOWIE GALLERY
1 | 2 | 3 | 4
follow our Blog here...
icon.

brand development, graphic design, all things creative...

We're not called Icon 'Creative' Design for nothing. Creativity is what we do best. We are a multi-disciplined graphic design studio based in Bassaleg, just outside Newport, South Wales – not far from Cardiff or Bristol or Brimingham or London...

We think your business should too.

Just lay out your design, drop images and video into place, and add any features you want. No coding required. When you've made everything look the way you want, getting it online is just a few clicks away.

If you get stuck, we're here to help—for free. Freeway takes the time and hassle out of making websites, leaving you to get on with your life. Don't let technology push you around.

Try Freeway today **www.softpress.com**

Freeway: you create, it codes

Get a 20% discount with code: macformat2011

Gadgets

The hottest kit on the horizon.
Here's what Apple is up against

Nikon
PROJECTOR
COOLPIX
NIKKOR 5X WIDE OPTICAL ZOOM
5.0-25.0mm 1:3.9-5.8 VR

► Nikon COOLPIX S1200pj

£400 www.nikon.co.uk

What is it? As well as a 14.1-megapixel resolution, 5x optical zoom and 720p HD video recording, this camera also offers a built-in 20-lumen projector so you can project an image up to 60-inches wide.

When's it due? End of September.

Why are we excited? The S1200pj can be connected to an iPhone, iPad or iPod touch using a bundled cable, so you can project content from your iOS device as well as from the camera. It can project from a Mac or PC too. You can also spruce up your images with a range of built-in special effects and filter effects.

◄ ▼ Wacom Inkling

£150 http://inkling.wacom.com

What is it? This new digital sketch pen works on any notepad or paper – you don't need special booklets to draw on. You can even create layers in the digital file for use in *Adobe Photoshop*, *Adobe Illustrator* and *Autodesk Sketchbook Pro*. The image is beamed from the pen (which has 1,024 levels of pressure sensitivity) to a wireless receiver.

When's it due? October.

Why are we excited? We've seen digital pens before, but the Inkling could be the first to really shine. Our art editor's incredibly excited about this one. Look out for his full review next issue.

wacom
wacom

▶ Geneva Sound Model S DAB

£379 **http://uk.genevalab.ch**

What is it? This high-end audio product has DAB, FM radio and a universal dock for your iPod. Two full-range three-inch drivers and twin bass ports provide the sound, and the piano-lacquered composite casing is available in white, black, red, or silver.

When's it due? Out now.

Why are we excited? With the supplied table stand in place, you can use the Geneva Sound Model S DAB as a bedside alarm clock and still leave room for your paperback. The dock spins closed when your iPod is removed, and the backlit touch-sensitive controls are invisible unless you're in iPod Mode.

▶ Vuzix Wrap 1200

£400 **www.vuzix.co.uk**

What is it? These video glasses work with just about any device with a video-out, including iPods, iOS devices and (after purchasing an additional cable) Mac notebooks. It can display 2D and 3D content in 16:9 widescreen, and is NTSC and PAL compatible.

When's it due? Get it now.

Why are we excited? Building on the strengths of previous Vuzix eyewear releases, the Wrap 1200 looks set to be the best yet. Its twin viewers are the equivalent of watching a 75-inch screen from 10 feet away, giving an excellent home cinema experience without disturbing others.

▼ Kanex SnapX

$69 **www.kanexlive.com/snapx**

What is it? A compact two-port switcher designed for 27- and 24-inch Apple LED Cinema Displays. With SnapX, you can use the same monitor for two Macs, switching between them at the push of a button. Simply connect the two built-in mini DisplayPort cables with USB from the SnapX to your Macs, and plug the display into your SnapX. If you plug your keyboard and mouse into your display's USB ports, you can share those too.

When's it due? Should be out now.

Why are we excited? If you currently unplug your desktop Mac so you can use the Apple display with your MacBook, you need a Kanex SnapX.

SW
W
NW
NE
E
SE
S

◀ Spy Watch 4GB

£80 **www.red5.co.uk**

What is it? This natty sports watch does more than tell the time. It has a built-in camera and 4GB of storage for taking discreet photos, audio and video. The camera and mic are almost invisible; the USB connection for transferring files to a Mac is disguised as a button. It takes photos at 3264x2448 pixels and 1280x960 video at 30fps.

When's it due? Order online now.

Why are we excited? At last, you too can be James Bond! Or you can just record meetings and lectures for later review.

Feedback

>> CONTACT US

Whatever your Mac-related cares, concerns or calamities are, let us know about them by contacting us on the following email address: **macformat@futurenet.com**

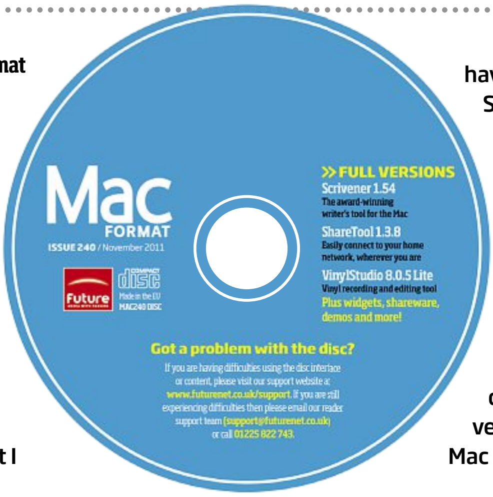
Let us know what you think about your Mac, MacFormat and everything Apple

The future of the MF disc

The decision to drop the MacFormat disc was not taken lightly.

As Apple is now fully embracing software delivery via the internet and seemingly phasing out SuperDrives (the MacBook Air obviously isn't large enough to support one, but the new Mac mini range is the first to remove the internal drive) what is the future for the *MacFormat* disc? Newer Macs now support the reinstallation of the OS via an internet connection rather than physical media. Heck, even the USB drives that Apple are shipping only get older Macs into a recovery mode so they can connect to the internet to download and install Lion onto a new hard drive.

As an owner of a new MacBook Pro, I've found that I have not yet had to use the SuperDrive for anything – not even the *MacFormat* discs. That's not to say the software provided on them isn't useful (or will be useful in the future), but I've really not had a need to use them. The majority of software I have is either downloaded from the vendor directly, or via the Mac App Store. I use a


Mac FORMAT
ISSUE 240 / November 2011
Future
COMPACT disc
Made in the EU
MAC240 DISC
>> FULL VERSIONS
Scrivener 1.54
The award-winning writer's tool for the Mac
ShareTool 1.3.8
Easily connect to your home network, wherever you are
VinylStudio 8.0.5 Lite
Vinyl recording and editing tool
Plus widgets, shareware, demos and more!
Got a problem with the disc?
If you are having difficulties using the disc interface or content, please visit our support website at www.futurenet.co.uk/support. If you are still experiencing difficulties then please email our reader support team (support@futurenet.co.uk) or call 01225 822 743.

>> STAR LETTER / A reminder of why I buy Apple

In 1988 I changed jobs and visited a colleague who had a Mac SE on his desk. This was a revelation to me, as up until then I'd struggled with the command line machines that were ubiquitous in those days. I immediately convinced my manager I had to have one for compatibility (ironic isn't it?) and soon I was managing a mini AppleTalk LAN of six machines. Shortly thereafter I bought my first personal Mac, an LC. There just was no comparable experience on the market. Over the years I've had several Macs and always experienced excellent customer service.

In July 2007, I bought my daughter a MacBook Intel Core 2 Duo 2GHz laptop for her to go to university with. Eighteen months or so later she dropped it and broke the screen. At the same time, my wife's anglepoise iMac was in decline. So I bought my daughter a new MacBook, bought an external monitor for the old MacBook and gave that to my wife as her desktop. About a year ago, the battery in the old MacBook died, but as my wife was using it as a desktop, I just took it out and she carried on using it without a battery.

Last week she had a power cut and when the power came back on the computer wouldn't restart. It also wouldn't restart from the OS install CD. I took it into the Bath Apple Store and the 'Genius' managed to get it started in Target mode. I had set up *Time Machine* and so was content for them to erase the disk and do a clean install. I went away for lunch and some two hours later received a call that the MacBook was ready for collection. Sure enough, it's now working perfectly and, as a goodwill gesture, they even gave me a new battery for it! Now that's service, and just one reason why I stick with Apple.

Dominic Scott

MacFormat replies: Thanks for the email, Dominic. We love hearing about the extras people get from visiting their local Apple Stores. You can't count on getting them, but when we hear about them they make our day.

>> STAR LETTER

Email all your letters to us at **macformat@futurenet.com** If yours gets picked as the MacFormat Star Letter, you'll be sent a fantastic DTT Deluxe. Almost impossibly tiny, this little USB device gives your Mac powerful digital TV reception.

It's always worth a trip to the Apple Store – you never know what you might get.

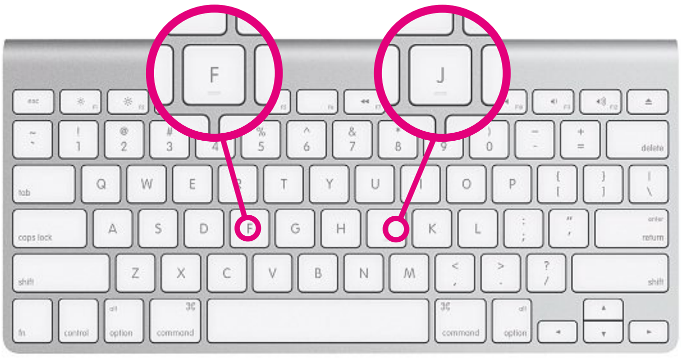
combination of online backup and external storage backups, and normal Mac-formatted USB hard drives. If I'm creating movies to share with family or friends, it's usually either exported as a file and put on my website as Flash or (much easier, I'll admit) uploaded to YouTube, which happily supports HD. Photo-sharing sites like Flickr make it easy to share photos.

I now find that I'm amassing a graveyard of DVDs of magazine cover discs (not just *MacFormat*, but from older software that has gradually been replaced by newer versions; these have been made downloadable or replaced with superior software from other vendors).

Again, now that the way forward appears to be exclusively in online software delivery, where lies the future of the *MacFormat* disc?

Martyn Drake

MacFormat replies: The publishers here at Future have taken the same view, Martyn. With Apple turning to digital downloads as its preferred medium of distribution, our discs are starting to look increasingly irrelevant. So, from next issue we're going to stop including them with *MacFormat*. We hope to still be able to offer our readers exclusive programs, but these will be done via a digital platform in the future. Sadly this does not mean the cover price will change, however pages previously dedicated to the disc will be replaced by original editorial content. While we appreciate this won't be a popular move, the decision has been taken by Future to keep the price the same, reflecting the dramatically rising cost of paper stock and the quality of the magazine. We hope our readers understand and continue to enjoy *MacFormat*.



Notice the little line under the F and J keys on your Mac's keyboard? What gives?

New to Mac and loving it

I've just bought my first iMac after many years of using Windows PCs. The best analogy I have come up with is that it's like driving a new car having previously owned a Ford and the new one is a Mercedes. It does a similar job to the old one of getting you from A to B, but with different controls and driver aids to get used to. But it does everything in a more efficient and reliable way. It also looks better and you arrive at your destination feeling more relaxed and stress-free.

Clyde Martindill

MF replies: Thanks for the email, Clyde. May your new purchase provide you with many hours of smooth, stress-free running!

Mac keyboard conundrum

Why are the letters F and J underlined on a Mac keyboard? I tried searching the internet but couldn't find anything on it. I also noticed it's on the iPad as well, but it's not on the iPhone. Has it got something to do with finger placement?

Robin Thornton

MF replies: As you suspected, Robin, it's there so that touch typists can position their fingers correctly without their eyes having to leave the screen. ●

APPLE EVENTS / What's going on?

09 NOVEMBER

MACFORMAT Issue 241

9 November

Get your eyes and mind around the latest news, information, features and reviews from the world of Apple. Next issue reveals the 50 tweaks every Mac owner should know, and we take you back to the Apple products that time forgot.

APPS WORLD, London

29-30 November

This top event hosted in London's Olympia see apps developers of multiple platforms gather together under one roof. Visitors can find out more at the dedicated areas for developers, mobile operators and TV apps. Expect keynote speeches and advice from the great and the good of this booming business.

CES, Las Vegas

10-13 January 2012

CES is the annual event that is constantly overshadowed by whatever product or service Apple is expected to announce next (despite the fact it doesn't actually attend).

BETT, London

11-14 January 2012

The world's leading technology in education show and a hotbed of Apple-related solutions and tech.

MACWORLD CONFERENCE AND EXPO, San Francisco

26-28 January 2012

The once legendary Apple event continues to shrink now Apple no longer takes part in the show.

Twitter @#! talk

From the Twittersphere

We asked:
What product do you most want Apple to release this Christmas, and why?

@dantomgfx
"An apple TV service that also functions as a Freeview box, because I'm getting a 42-inch TV!"

@littlechristy
"MacBook Air 15-inch so that I can read the screen. Please, pretty please."

@Ttlpunk
"I want Apple to release the iCar2 in time for xmas (assuming it's better than the original iCar released in November)."

@AndrewFysh
"iPhone 5. Been waiting far too long for it, and a new shiny phone under my tree would make me a very happy bunny!"

@UTG97
"A TV that runs iOS and has TV functionalities and is less than £700."

@anttiloa
"iPhone 5. Still own iPhone 3G. Time to change."

@cmac2020
"Easy, Apple needs to up the game now and release... iPad3. iPad 2 is too like Samsung Galaxy tab! Even Apple admits that."

@db189
"New iPhone with 64GB or more of storage."

You can find out what we're up to each month by following the team at Twitter.com/MacFormat

official communications
services partner

BT Infinity. Beat the competition with speeds four times faster than Sky's typical broadband.

Transform your world online with superfast fibre optic broadband. Whether you're picking off the enemy from 40 yards, overtaking your opponent on the race track or winning the fight in an epic space battle, get the edge in online gaming with super responsive BT Infinity.

Call 0800 169 7088 or find out more at bt.com/infinity

Limited coverage, check bt.com/infinity. Speeds based on averages from Ofcom report 2011 & see Ofcom report for gaming data. Infinity requires BT line, minimum line speed & computer specifications. Terms and conditions apply.

BT
Bringing it all together

iOS 5 brings a whole range of new features and apps to the iPad, including tabbed browsing in Safari.
Image: Alamy.com

MacFormat investigates

10 reasons to love iOS 5

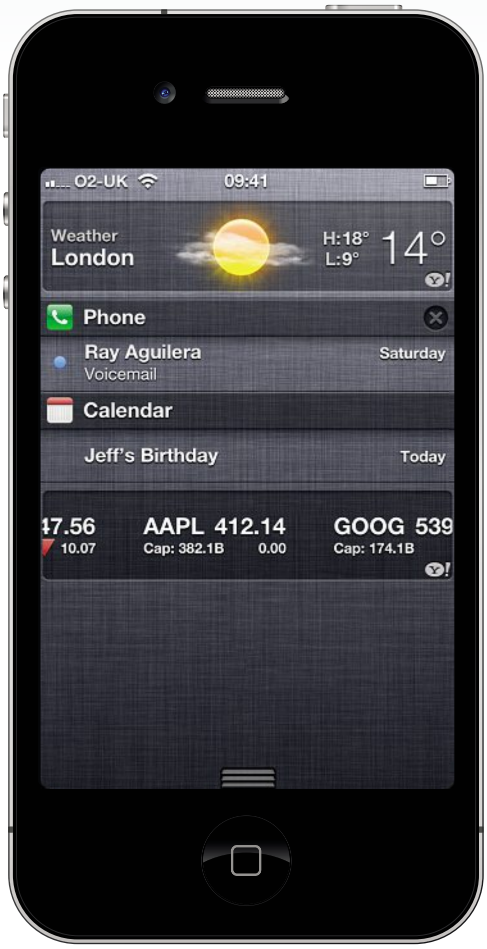
The next version of the iPhone and iPad operating system will be its best yet. We find out what's on offer and how it'll affect the way you'll use your Apple devices for years to come

Notification Center

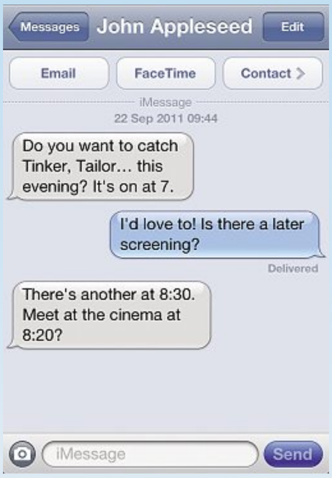
01 iOS 5 will make it much easier to stay in touch and up to date with your family, friends and co-workers. This is thanks to a vastly improved notification system, which brings all your alerts – Reminders, *iCal* events, emails and iMessages – together in one place. One of the most notable changes is that alerts will no longer pop up in the middle of the screen on your phone – something that can be very annoying if you're playing a game.

Instead, the alert will appear discreetly at the top of the screen as a notification bar in whichever app you are in, with a slick but subtle animation to bring it to your attention. Clicking on the notification bar will take you to the *iCal* event, message or email you need to see, while swiping downwards will open the full Notification Center, revealing all your alerts, including updated info on any shares that you own as well as the local weather.

Another much-needed improvement (one that has been available on rival Android and Windows Phone 7 handsets for a while) is at-a-glance alerts on the lock screen. That's great if you're in a hurry and need to see what's on your agenda, but the real beauty is what you can do with those alerts. If it's a voicemail, swiping left to right will play the message without you having to open the *Phone* app. It's a similar story with other alerts, though in some cases, such as the *iMessage* app, you can type a reply direct from the lock screen without delving into any menus.



iMessage



Do you want to catch Tinker, Tailor… this evening? It's on at 7.

I'd love to! Is there a later screening?

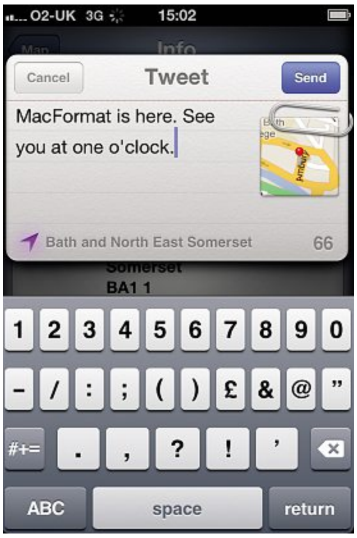
There's another at 8:30. Meet at the cinema at 8:20?

02 Apple is clearly taking its cue from the huge success of BlackBerry Messenger (BBM) for this one. *iMessage* brings push instant messaging to the iPhone and iPad and even gives you the ability to send and receive text, photos, videos, locations and contacts, as well as send group messages to your friends.

The biggest catch, of course, is that you'll only be able to chat to friends and family if they own an iPhone or an iPad as well, although rumours suggest that *iMessage* instant messaging will also be included in an update to *iChat* on the Mac. What you won't be able to do is IM friends who use rival services or phones such as MSN, Yahoo, Android and BlackBerry. Luckily you can get around this by using other IM apps in the iTunes Store – *Meebo* (£free, **http://bit.ly/mSfwHf**) and *WhatsApp Messenger* (£0.69, **http://bit.ly/qfYJ6r**) being two great examples.

03 Reminders

If you're always forgetting to remember when your To Dos are due, then iOS 5's new *Reminders* app should be an enormous help. This will enable you to create tasks, set their priority and their due dates. It will also make it easy to group related tasks together. However, the best bit is that *Reminders* is location-aware. Just create a task for a certain location and the app will remind you to do it when you get there – it's a great way of reminding yourself to pick up a pint of milk!



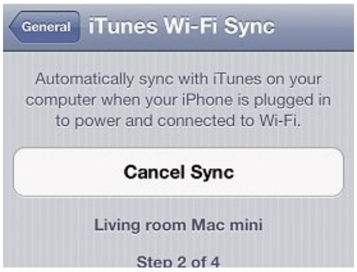
MacFormat is here. See you at one o'clock.

04 Twitter

Using Twitter on iOS 4 can be a bit of a rigmarole, especially if you want to quickly post a link for followers to see. iOS 5 does away with all that by deeply embedding Twitter into the operating system. This means one-tap access to your Twitter account when using apps such as *Photos*, *Safari* and *YouTube*. Apple is making the API available to third-party developers so they can build Twitter integration right into their apps too.

05 Newsstand

Newsstand finally brings iBook-style organisation to your magazine and newspaper subscriptions, while also giving you the ability to search and sign up for more using the dedicated section in the iTunes Store. Digital issue updates are flagged as notifications on the app itself as well as in the new Notifications Center.



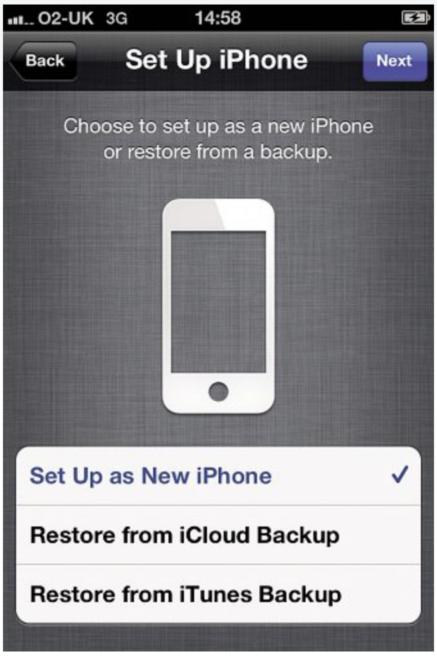
Automatically sync with iTunes on your computer when your iPhone is plugged in to power and connected to Wi-Fi.

Living room Mac mini

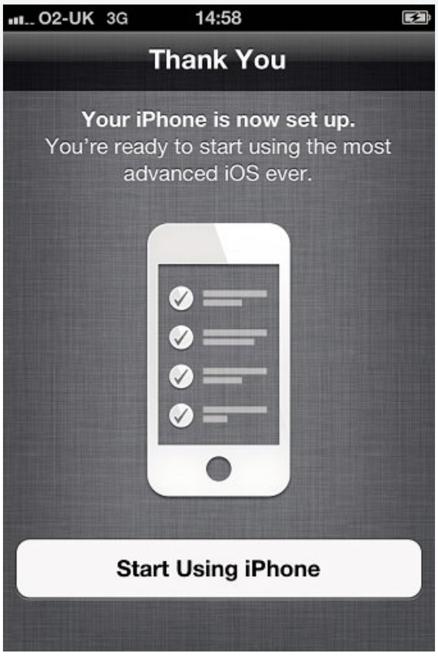
Step 2 of 4

06 Wi-Fi Sync

If the concepts behind PC Free and iCloud give you the vapours, don't worry: you will still be able to sync your iPhone to your Mac — and you'll even be able to do it wirelessly, using iOS 5. All you have to do is plug your iPhone into the mains power and Wi-Fi Sync will take care of the rest automatically. How cool is that?



Choose to set up as a new iPhone or restore from a backup.



Your iPhone is now set up.
You're ready to start using the most advanced iOS ever.

PC Free

07

One of the biggest and most important changes to iOS 5 is that you'll no longer need to hook an iPhone, iPod or iPad up to your Mac to set it up and synchronise it. Each one will work straight out of the box and all your emails, music, photos and any apps that you own will be available to download from iCloud.

Steve Jobs announced this radical step during his keynote at Apple's World Wide Developer Conference (WWDC) last summer, arguing that it was finally time for the Mac to be demoted from a hub for your digital lifestyle into just another device. Part of the reasoning for this change is that the growth of powerful, internet-connected devices like the iPad and iPhone no longer need a hub to sync to – they can get all the content they need by themselves.

The other main reason is Apple's discovery that many iPod and iPad-owning households don't have or don't want any kind of computer. Scott Forstall, Apple's senior vice-president for iOS software told the audience at the WWDC keynote:

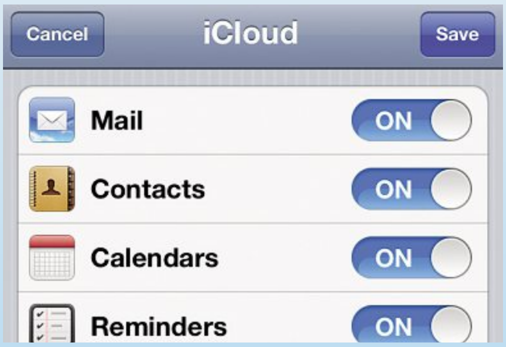
"[These households] want to buy an iOS device as their only device – and that's what we're going to support in iOS 5."

>> ALL ABOUT iCLOUD / How it changes the way you use tech

iCloud is Apple's big new idea and looks certain to shape iOS devices and the Mac for years to come. It takes away the Mac's role as a digital hub for all your documents, photos and music, replacing it with a virtual hard disk in the sky that automatically pushes content to and from all the devices you own. That takes away one of the biggest problems Mac users have had to put up with – keeping each one of them in sync with the other. Now when you change an address book contact on your iPhone, for example, the data is automatically sent to your Mac and iPad too. And, best of all, the service is free.

Of course, iCloud does way more than that: its most eagerly anticipated feature is sure to be iTunes in the Cloud. It uses iTunes Match technology to scan the contents of your music library and then matches it to content already available in the iTunes Store – anything that isn't available is updated via Apple's iCloud servers. The idea is that your entire music collection will always be available to you whichever iOS device you are using. And all for just £25.99 a year.

iCloud is deeply integrated into both OS X Lion and iOS 5, and will go live once iOS 5 is finally released to the public.



Mail ON
Contacts ON
Calendars ON
Reminders ON

iCloud is set to revolutionise Apple computing as we know it.

OPINION / What the MacFormat team think about iOS 5

Graham Barlow
Editor-in-Chief

Wireless syncing has been the Holy Grail for iPhone and iPad owners since both devices were launched, and iOS 5 finally promises to deliver. I hope it's everything we thought it would be, because having to plug your iPhone into a Mac seems so outdated these days; days in which we're able to video-chat with people on the other side of the planet while sitting in the passenger seat of a car!

Rob Mead-Green
Deputy Editor

I'm looking forward to using Reminders. Having two talkative kids can stop you remembering the most basic of things thanks to the non-stop noise! There's nothing like shopping when your children are acting out a *Peppa Pig Pirates Of The Star Wars Caribbean* mash-up. The only catch is that you have to tell your iPhone the shop's address, so that Reminders knows when you've arrived or left.

Ian Osborne
Reviews Editor

The overhaul of the way the iPhone's camera operates is long overdue. After rejecting third-party apps that use the volume controls to take a picture (much easier than the on-screen button), Apple has now incorporated this feature into the *Camera* app. It's handy to access the camera directly from the lock screen too. Taking pictures with your iPhone just got a whole lot easier, and more fun.

Tim Hardwick
Production Editor

There's nothing worse than having a text message flash up on the screen when you're about to perform a super-combo move on your *Street Fighter IV* opponent. Thankfully the Notification Center promises to make this sort of distraction a thing of the past; not only that, it brings together all updates in one neat drag-down pane, containing everything from your iBook subscriptions to the latest stocks and shares.

Alex Thomas
Art Editor

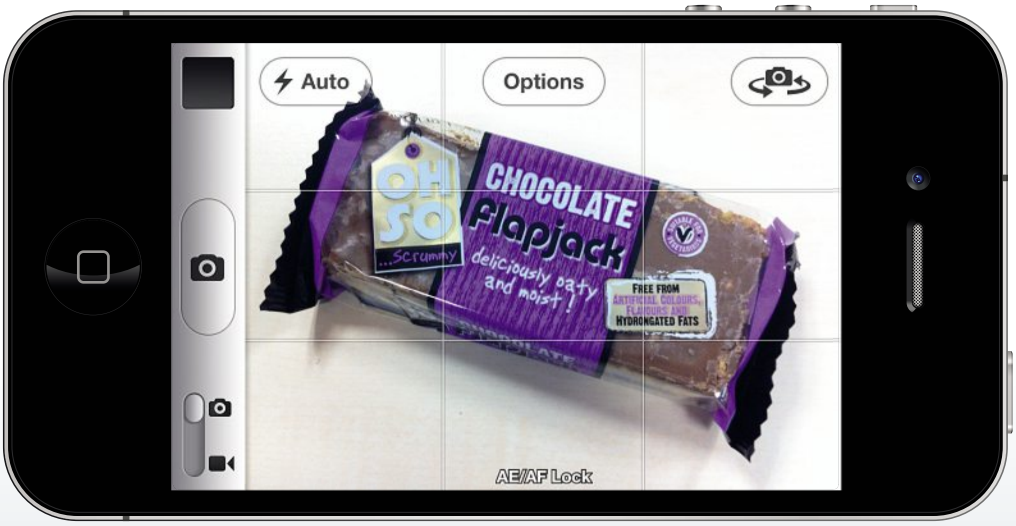
As a magazine geek I'm really excited about Newsstand. It's going to be great to see the fantastic artwork and articles from my favourite magazines on the iPad and I can't wait to get digital versions of titles like *MacFormat* and *Tap!* delivered straight to my iPad. I'll never be without something to read on my train journey to work again. It will likely make me read more magazines than I already do!

Camera

08 With the camera in the iPhone 5 rumoured to be increasing from five to eight megapixels, it's good to see that the app's getting an overhaul too. New in iOS 5 is a camera button on the lock screen, meaning quicker and easier snaps without having to delve into menus. As with the latter, another feature familiar to Windows Phone 7 users is the ability to use the volume up button on the side of a smartphone as a physical shutter button. That's coming to the iPhone in iOS 5 too.

Apple also appears to be taking certain camera cues from existing iPhone photography apps such as *Camera+* (69p, http://bit.ly/bWpuuQ): new features include optional grid lines to help you frame your shots; a new pinch-to-zoom gesture, which supplements the current zoom slider; and zoom/exposure locks – a single tap on a subject on-screen automatically adjusts the focus and exposure. Holding your finger down locks it there, even if you move the camera.

The *Camera* app will automatically download any pictures you take to all your other devices – all you have to do is enable the PhotoStream feature of Apple's forthcoming iCloud computing service.


Auto
Options
OH SO ...Scrummy
CHOCOLATE Flapjack
deliciously oaty and moist!
FREE FROM ARTIFICIAL COLOURS, FLAVOURS AND HYDROGENATED FATS
AE/AF Lock

09 Photos

Because you don't need to sync an iOS 5 device to your Mac anymore, Apple has beefed up its photo app so you can edit and enhance your snaps on your iPad or iPhone, before sharing them with friends or syncing them with iCloud. Goodies include red-eye reduction and cropping. You can even create albums on your device now too.

Mac FORMAT
Out with the old
From the team
Latest issue
Win! A Mad Catz Cyborg R.A.T. 9
MAC NEWS
LATEST REVIEWS

10 Safari

The world's best mobile browser is catching up with the Mac version, with Reader, Reading List and Tabbed Browsing making their way into iOS 5 at last. Reader cuts the clutter on web pages so content is easier to read, while Reading List lets you save web pages for viewing later. Tabbed browsing is long overdue, but will only be available on the iPad.

Ford Focus Presents
T3
Gadget Awards 2011
IN ASSOCIATION WITH
QUALCOMM
orange
Enjoy more responsible power.
1.6TDCi Engine.
Enjoy fuel saving aerodynamics.
Active Grille Shutter.
Enjoy saving fuel while in traffic.
Ford Auto-Start-Stop system.

Official fuel consumption figures in mpg (l/100km) for Ford Focus Titanium X range: urban 34.9-55.4 (8.1-5.1), extra urban 56.5-76.4 (5.0-3.7), combined 47.1-67.3 (6.0-4.2). Official CO_2 emission 139-109g/km.

*67.3 combined (mpg) refers to 1.6TDCi (115PS) DPF (Start-Stop) model.

TUI YMX
Focus
Enjoy. Every. Drop.
An exceptional 67.3 MPG*.
ALL-NEW FORD **FOCUS.** Start more than a car.
ford.co.uk/focus
Ford
Feel the difference

Words: Steve Paris
Illustrations: Mike @ MagicTorch & Andy McLaughlin

iMOVIE

It may be a consumer app bundled with your Mac, but iMovie is more powerful than it looks. We'll show you why…

With *iMovie*, Apple created an editing program that's highly versatile – so much so in fact that it was the inspiration for the new-look *Final Cut Pro* released earlier this year. With *iMovie*, you can create a short film in minutes, if not seconds (depending on how complex you want it to be) and share it with friends and family over the web.

But this simplicity is just the tip of the iceberg. If you have the time and the inclination, you can create advanced effects and editing styles just like all those Hollywood movies you see at the cinema or rent with *iTunes*.

Obviously, the one thing that stands in your way is your budget – or lack thereof: you can't hope to replicate the same quality of effect as a major motion picture, but you'd be surprised how close you can actually get. So let's roll up our sleeves and have a look at what you can achieve with a consumer program that comes free with every new Mac, or which can be purchased for only £10.49 from the Mac App Store.

Most of the effects we'll be showing you over the course of this article can be achieved straight from within *iMovie*, but we'll also give you a few tips on what you can do during the shoot itself to give your clips the best possible chance of looking and sounding their best. That way they'll be ready to dazzle your audience as part of your latest low-budget blockbuster home movie. »

Production
Camera
Director
Take
Scene
Date

MacFormat: The Movie

01

Working with green or blue screens

You don't need to go to exotic locations – you can do it all from home!

iMOVIE QUICK TIP:
Redheads used to be the standard movie lights, but you can now get them at a bargain price. Make eBay your first port of call.

Being able to fly, walk on an alien world or survive a spectacular accident is par for the course in most blockbuster Hollywood movies. But obviously none of it is real – it's all done with smoke and mirrors, or more precisely, chroma keying. The idea behind the process is that it's easy to cut out a single colour, rendering it transparent and allowing you to put something else in its place. Green or blue are used because both colours are the furthest away from all human skin tones. One of *iMovie's* advanced tools is the ability to automatically remove a green or blue background from a clip. But how do you get such a background in the first place?

Low budget

That's where it gets a little complicated, but it's perfectly achievable and the results are very effective, even on a low budget. Then you'll be able to be anywhere in the world.

You'll need to get yourself some equipment, none of which is optional if you want the effect to work properly. The first one is a backdrop. If you already have a green or blue sheet, or even a wall of the appropriate colour, you could experiment with it and see if it works as expected. Otherwise, eBay has a lot of resellers offering affordable chroma key backdrops.

> *"Green or blue backgrounds are used because both colours are the furthest away from all human skin tones"*

What's more important is the lighting. You need to evenly light your backdrop; then you'll need to light your subject separately. This way, it'll be much easier to find the edges around the subject to avoid a potential halo around it when the backdrop is cut.

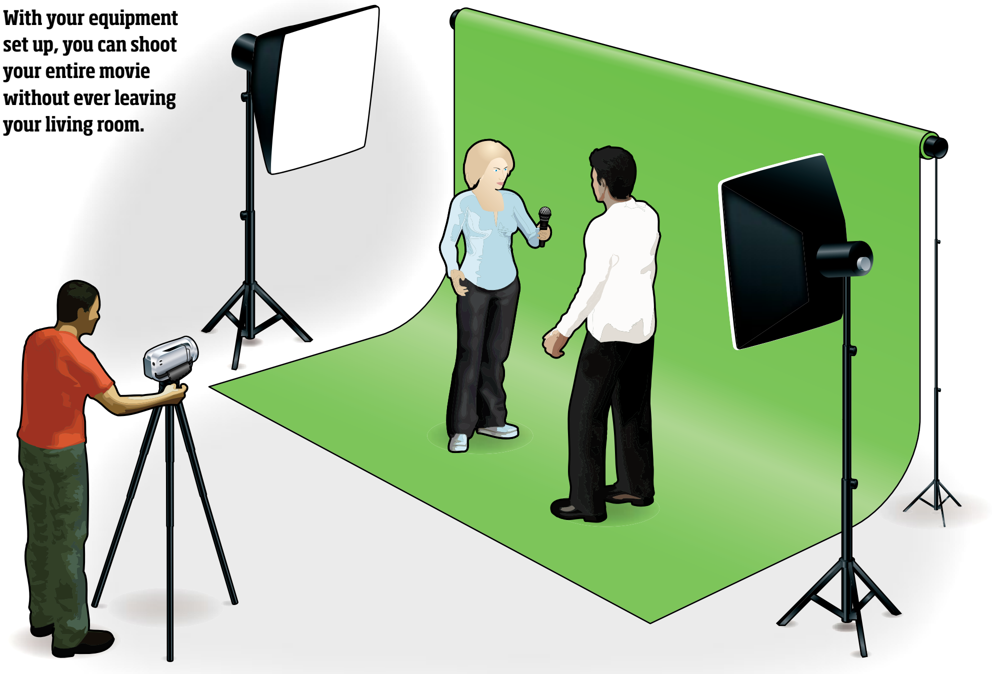
Since you're on a budget, you need to find workarounds to expensive modern professional lights. Twin 500W halogen work lights on a tripod will do an excellent job. Get two sets – one for either side of the screen.

Using the same lighting system for your subject would completely wash it out. Getting redheads is probably your best bet as it's not the most recent technology, so you can get them cheaper. Again: eBay. Make sure you get at least two to light your subject evenly.

Lastly, you need to make sure your camera will remain static for the whole duration of the shoot, so either place it on a shelf or stool, or invest in a tripod. Since the purpose is to keep the camera motionless, the most basic tripod will do. You won't be able to do tracking shots or follow the subject as they walk around; you'd have to match the movement with the background exactly and this can only be done with motion-tracking cameras.

Light placing

Next, you'll have to experiment to make sure the lighting is in the right place for the effect to work, and then import the footage into *iMovie*. Then you need to make sure the program's Advanced Tools are turned on (done from the Preferences window). Then, add your backdrop onto your project and drag your green/blue screen clip on top of it. Select the appropriate pop-up option and the background clip should appear behind your subject.



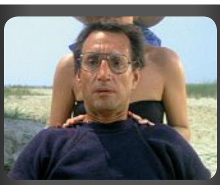
With your equipment set up, you can shoot your entire movie without ever leaving your living room.

02 Get a dolly zoom effect

This effect is usually done during the shoot but can be recreated in iMovie

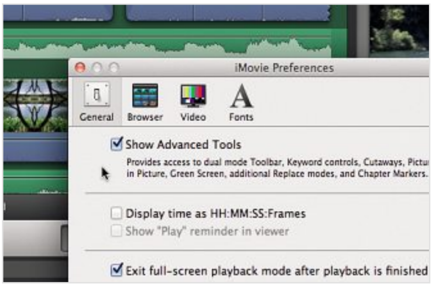
The dolly zoom effect is very recognisable: the subject in the foreground stays motionless, but the background appears to change and zoom out so you can see more of it. To achieve this, you need to move the camera back as you zoom into your subject. The speed of the trackback and the zooming in must be the same for the subject's size to remain the same. The effect works very well, but is very difficult to replicate with a consumer camera since the zoom controls on such devices are far from precise.

You can, however, cheat the whole thing by using a green screen backdrop. You don't even need to zoom out of your background clip while you're shooting: all of it can be done from within *iMovie*. Just make sure both the background and the subject were shot using a static camera – ideally on a tripod. You could also use a photograph for the background if you prefer, since images are usually taken at resolutions that are much higher than high-definition video, eliminating the possibility of pixellating the backdrop if you zoom into it too much.



iMOVIE INSPIRATION: A great example of a dolly zoom is in Steven Spielberg's Jaws, during the scene where Sheriff Brody first sees the shark on Amity beach.

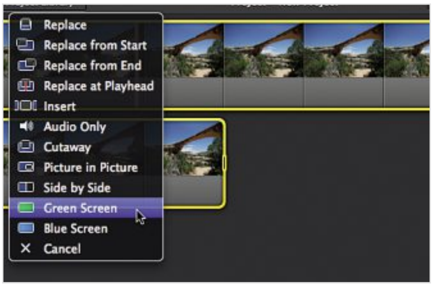
HOW TO / Create a dolly zoom effect



☑ Show Advanced Tools
Provides access to dual mode Toolbar, Keyword controls, Cutaways, Pictu in Picture, Green Screen, additional Replace modes, and Chapter Markers.
☐ Display time as HH:MM:SS:Frames
☐ Show "Play" reminder in viewer
☑ Exit full-screen playback mode after playback is finished

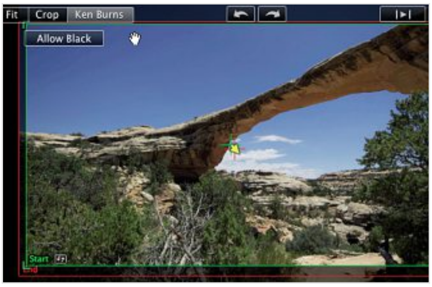
01 Get Advanced

In order to work with a blue or green screen clip you need to turn on the **Advanced Tools**. Go to iMovie > Preferences (or use the ⌘+, keyboard shortcut). Make sure the **General** tab is selected (first on the left) and tick the **Show Advanced Tools** box to give you more editing and organising options.



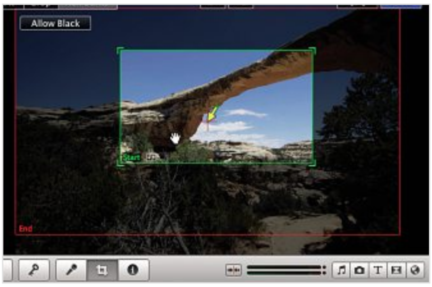
02 Stack up your clips

Choose your backdrop from an event or from your photo library, and add it to your project. Next, find your subject and drag it over the backdrop. You'll be given a series of options. Select either **Green Screen** or **Blue Screen** – depending, of course, on the colour of your backdrop.



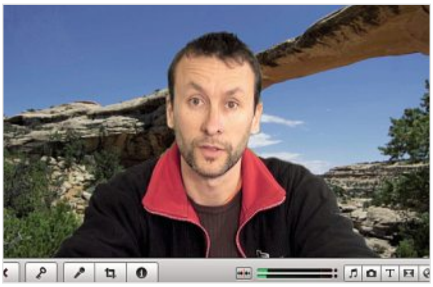
03 Apply Ken Burns

Select the backdrop clip (to give it a yellow highlight around it), then click on the **Crop** tool in the tool bar (or simply hit the C key on your keyboard). This tool offers you three choices at the top-left of the main preview window: **Fit**, **Crop** and **Ken Burns**. Make sure the latter is selected.



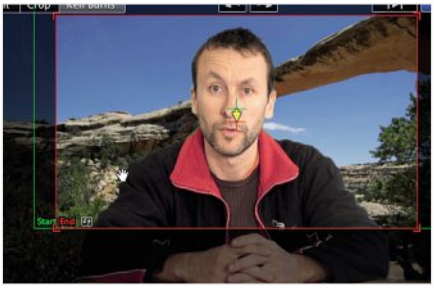
04 Zoom Out

Now you should see two rectangles, one green and one red. Make sure the green one (your starting frame) is smaller and inside the red one (the clip's last frame). This will give viewers the illusion of the background zooming out over time. Now click the play button to preview it.



05 Fine-tune the Look

Click **Done** to set the effect. Be sure to check what it looks like with your subject over it. The effect may work best if either the top or bottom of the frame stays the same (right where the green and red rectangles meet) so go back and tweak your zoom until you're happy with the result.



06 Zoom In

You may also find that zooming in on your subject over time can improve the effect. You can apply a **Ken Burns** effect to your chroma keyed clip too, only make the change more subtle and make sure the end frame is smaller than the start frame. Your dolly zoom effect should then be complete. ●

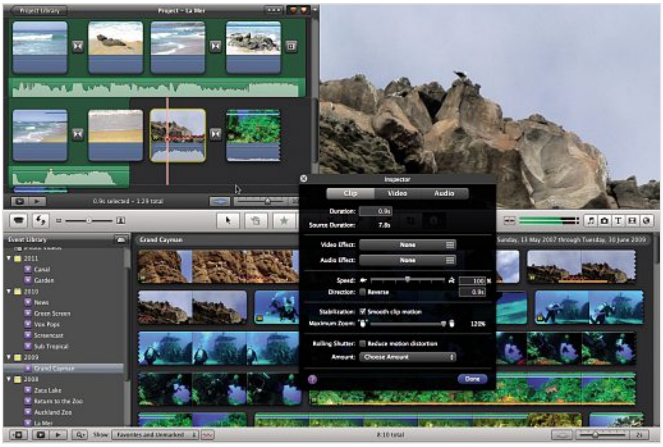
03 The steadycam effect

Stabilise your shots to smooth the motion for that professional touch

iMOVIE INSPIRATION: Stanley Kubrick's The Shining uses a steadycam to follow young protagonist Danny around the Overlook Hotel, to chilling effect.

The Shining is probably the best example of the use of steadycams, as the camera glides through the hotel's corridors and its maze. Usually, to get a steady moving shot, you'd put your camera on a dolly – essentially a set of tracks – but there's obviously huge limitations to this technique: one is that you mustn't show the ground otherwise you reveal the tracks; another is the difficulty in going up or down stairs. With a steadycam, you can follow your subject wherever they may go.

Proper steadycams cost an absolute fortune, but the Smoothee for iPhone (**www.tiffen.com**) is relatively cheap at £170 and if you're a handy DIY person, Johnny Chung Lee very kindly posted an article on how to build your very own steadycam for little more than US$14 (£9) in parts. The instructions are at **www.littlegreatideas.com/stabilizer/diy**.



Inspector

Clip | Video | Audio

Duration: 0.9s

Source Duration: 7.8s

Video Effect: None

Audio Effect: None

Speed: 100 %

Direction: ☐ Reverse 0.9s

Stabilization: ☑ Smooth clip motion

Maximum Zoom: 120%

Rolling Shutter: ☐ Reduce motion distortion

Amount: Choose Amount

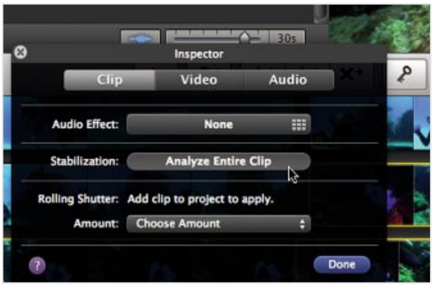
Done

You can get by without a steadycam thank's to iMovie's Stabilisation feature.

Using a steadycam requires quite a bit of practice, but once you've perfected your moves, you can create incredibly smooth motion as you walk, no matter what you follow. Sadly, not all of us are handy with a screwdriver and until the cheapest steadycam in the world becomes available for sale you may have to do your best. But Apple hasn't left you high and dry: *iMovie* has a tool for stabilising your clip's motion. It can't work miracles and an overly shaky shot won't be fixed (instead, you'll see a red squiggly line over the problem segments in its Event), but it can be highly effective on most clips.

> *"iMovie can't work miracles and an overly shaky shot won't be fixed, but it can be highly effective on most of your clips"*

» HOW TO / Smooth out those shaky shots



Inspector

Clip | Video | Audio

Audio Effect: None

Stabilization: Analyze Entire Clip

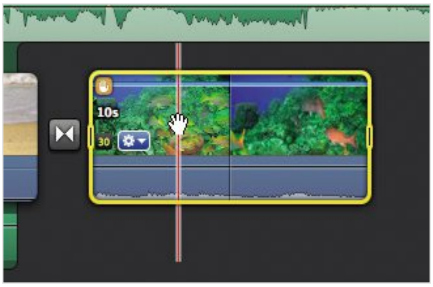
Rolling Shutter: Add clip to project to apply.

Amount: Choose Amount

Done

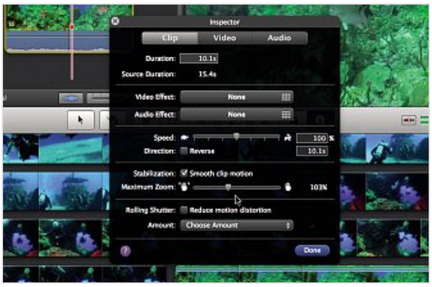
01 Analyse in an Event

You can analyse your clips even before you add them to a project. To do this, select a clip (or multiple ones) and open the Inspector by clicking on the toolbar's 'i' button. Make sure that window's **Clip** tab is selected and click on **Analyse Entire Clip**. The process may take a while.



02 Choose the right part

By default, an analysed clip will have its motion smoothed automatically as soon as you insert it into your project – as long as you don't select any part of the clip that had those red squiggly lines. If you do, the stabilisation process will not occur, so make sure you only add a section that will work.



Inspector

Clip | Video | Audio

Duration: 10.1s

Source Duration: 15.4s

Video Effect: None

Audio Effect: None

Speed: 100 %

Direction: ☐ Reverse 10.1s

Stabilization: ☑ Smooth clip motion

Maximum Zoom: 103%

Rolling Shutter: ☐ Reduce motion distortion

Amount: Choose Amount

Done

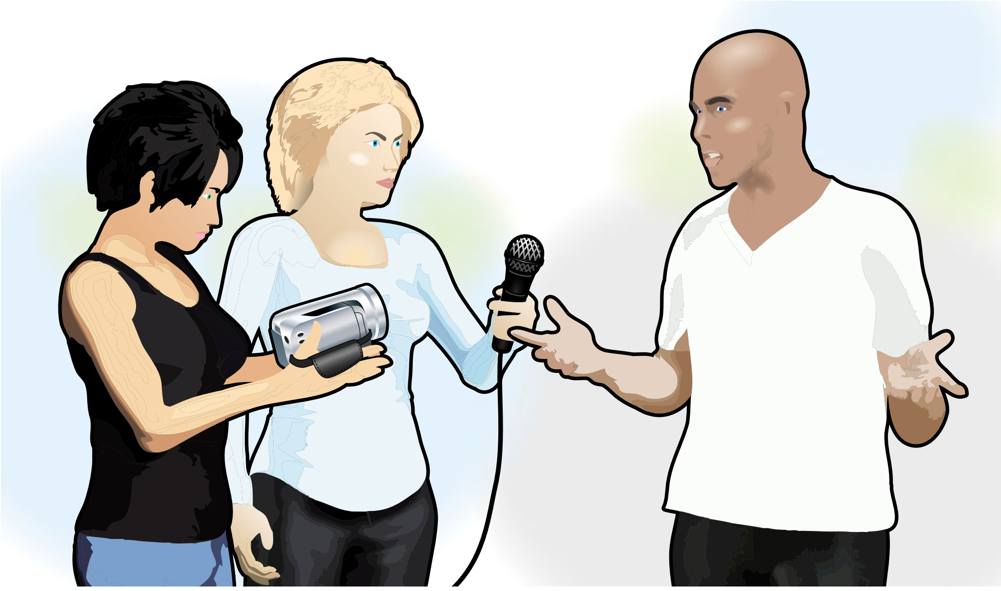
03 Stabilisation control

Play that clip back and you should see an improvement over the original. Unlike the green screen effect, you have some control over the process: double-click the clip to open the Inspector. The stabilisation section has a slider. Drag it to the left to lower the amount of stabilisation applied to your clip. ●

04

Use external microphones

If your movie sounds great it will make your screen images look even better



Using an external microphone rather than the one built in to your camera, is definitely the way to go.

There's one element that makes it obvious you're watching an amateur movie as opposed to a professional one: the audio. Although nearly all camcorders or video recording devices capture sound as well as images, the quality is often very poor. Even HD camcorders that produce vibrant, high-quality clips are often let down by the low quality of the on-board mic.

It's a well-known fact that audio is crucial to the appreciation of your film. Poor sound makes your audience feel that the video was actually of poorer quality than it actually is. Good-quality audio enhances the whole experience. So get yourself a device whose sole purpose is recording sound and you will greatly increase your production value for very little money indeed.

Small recorder

Take the Samson Zoom H1, for instance. It's a tiny audio recording device that records very high-quality sound in stereo. You can choose various formats, but since we're going for quality, you should select an uncompressed one: WAV. This means that the files will take up more space, but this is a small price to pay for higher quality.

REC/PEAK
ZOOM
H1 Handy Recorder
H1

An external microphone can do wonders to your film's sound quality.

If you're going to go for this device (which is available via www.amazon.co.uk) make sure you also budget for its Accessory Pack, which includes a tripod and a windscreen foam cover, designed to cut out unwanted sound (which often gets captured, especially when shooting outdoors). In total, this should cost you something in the region of £100.

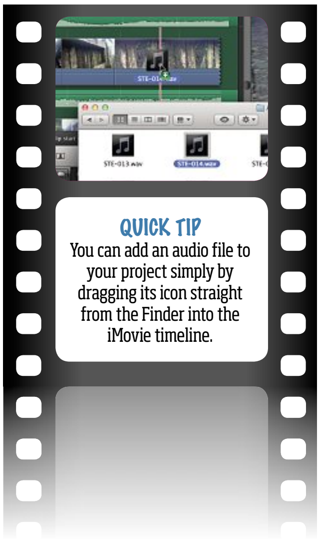
If your camcorder is capable of taking in audio input – with a line in stereo jack, for instance – then you could connect it to your microphone. That way you wouldn't have to worry about syncing the sound with the video later on in the editing process.

But having an external mic can offer you advantages that those tethered to the camera cannot match: you could have a long shot and still hear the people you're recording perfectly because the mic is hidden near them and a long cable would be hard to conceal from view.

So if you've got your audio and video on separate files on your Mac, how do you go about connecting them together? This can be a little difficult to achieve in *iMovie* but it can work. First of all, you need a clear point of reference to achieve the sync. This is where clapperboards come in, but why purchase one when a couple of hands clapping will work just as well? As long as your clap can be seen on screen and heard on the audio track, then you can add a marker on your project when the clap happens (markers are one of *iMovie*'s many hidden advanced tools that you can reveal from the Preferences window). Toggle the waveforms for your audio tracks to see the spike that represents the clap, and move it until that spike is under the marker. Mute the original audio and play your footage back. Drag the audio left or right until the sync is perfect.

Once you've achieved this, you might not use your camcorder's built-in microphone ever again.

> *"Having an external microphone can offer you advantages that those tethered to the camera cannot match…"*



QUICK TIP

You can add an audio file to your project simply by dragging its icon straight from the Finder into the iMovie timeline.

»

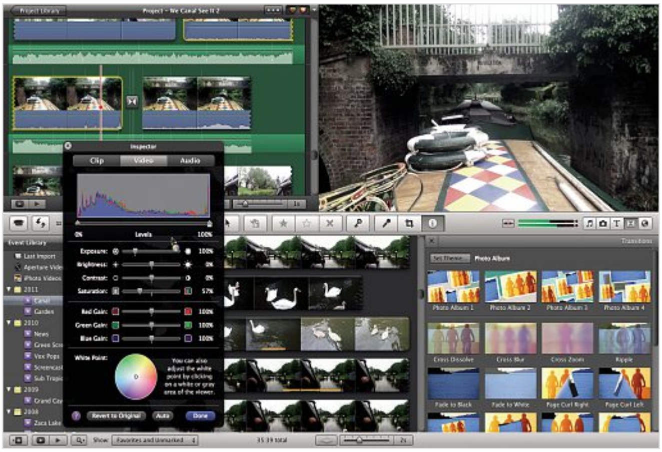
05 Working with effects

Change a clip's look progressively over time using iMovie's built-in effects

iMOVIE INSPIRATION: In Limitless, Bradley Cooper's character takes tablets to make him smarter. When under the influence the film has a yellow tint to show his heightened state.

Modern camcorders can automatically focus, white balance and colour correct for you. As such, most of your clips will look fine and be ready to be included into a project the moment you import them. But machines being what they are, they do sometimes get it wrong, which is why *iMovie*'s various video tools can come in so handy. With them, you can alter the brightness, contrast and colour of any shot. You can obviously use them to also distort the image, giving it an unnatural appearance to simulate unusual weather conditions or to create that alien planet feel you were after.

> *"You can use iMovie effects to distort the image, giving it an unnatural appearance to simulate unusual weather conditions"*

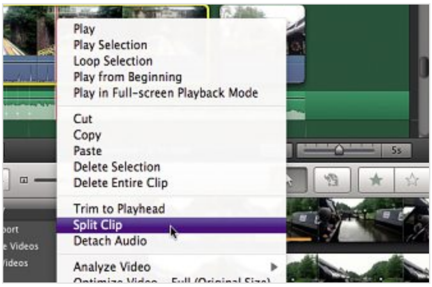


Despite appearances, you can apply changes to a clip gradually over time.

Couple those changes with one of *iMovie*'s 19 video filters and you have a broad palette to play with (you can also copy and paste those changes from one clip to others by using the Edit > Paste Adjustments commands in the menu bar; these can save you a lot of time if you want to create a special visual style for a large part of your project).

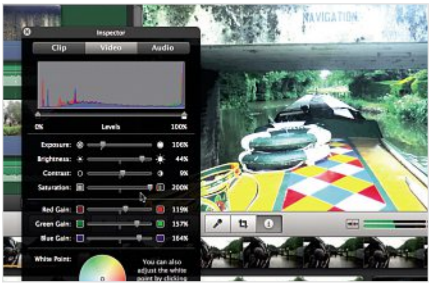
Unlike *Final Cut Pro* and other professional editing packages, there isn't an obvious way to gradually apply that change over time – it's a black and white clip, or it's a colour one, for instance; there's no in-between. So what do you do if you want to play around with your image and slowly intensify the colour – like the effect in *Limitless* when a mind-enhancing tablet is taken? Thankfully, such an effect isn't out of the reach of *iMovie*. All you have to do is cut the clip in the right place, as shown below.

» HOW TO / Alter a clip progressively over time


Play
Play Selection
Loop Selection
Play from Beginning
Play in Full-screen Playback Mode
Cut
Copy
Paste
Delete Selection
Delete Entire Clip
Trim to Playhead
Split Clip
Detach Audio
Analyze Video

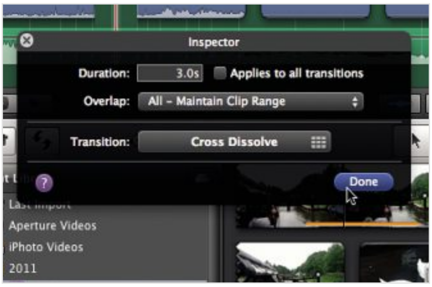
01 Find and cut

Find the clip you want to alter over time and add it to your project. Skim over it with the mouse until you're over the part you'd like the change to occur. Without moving the cursor, press the ⇧+⌘+S keys to activate the **Split Clip** tool, which cuts the clip into two at that very point.


Inspector
Clip
Video
Audio
Levels
Exposure:
Brightness:
Contrast:
Saturation:
Red Gain:
Green Gain:
Blue Gain:
White Point:

02 All change

Double-click on one part of the clip to bring up the Inspector window. Select the **Video** tab and make your changes. You can also make use of the **Video Effect** menu in the Inspector's **Clip** tab to add a single effect to your clip (only one can be used at a time). You can alter your modifications at any time.



Inspector
Duration: 3.0s ☐ Applies to all transitions
Overlap: All – Maintain Clip Range
Transition: Cross Dissolve

Done
Aperture Videos
iPhoto Videos
2011

03 Transition

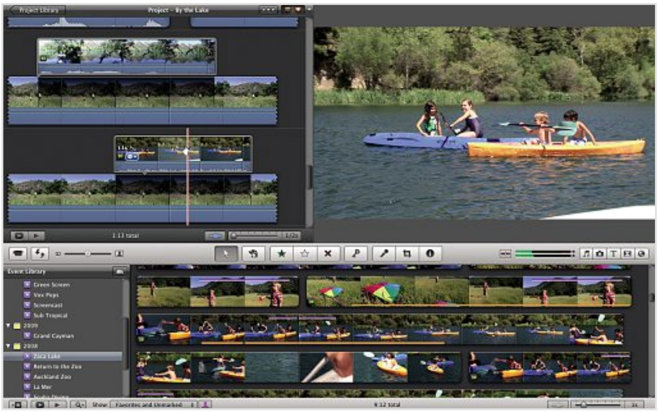
Go to Window > Transitions to reveal the **Transitions** panel, bottom-right of the interface (or use the ⌘+4 keyboard shortcut). Locate **Cross Dissolve** and drag it onto the gap between the clips. To change its length, double-click on it in your project and type in a new value in the **Duration** field. ●

06

Create cutaway shots

Cut to another shot without ever losing the focus of your story

Look at any movie or television show, from any period, and you'll see that the editing never stays on the same shot for too long. In fact, you may feel that some do overstay their welcome and you long for the camera to let you see something else. Changing shots doesn't mean changing scenes: when done right, cutting to different angles keeps the story interesting and the pace flowing. It also makes it easier to use a different take that had a better reaction. You can use it to cut to the scenery that is being described in the current shot, while still hearing the narrator talk about the location.

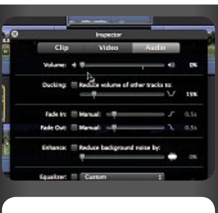


Using Cutaways is a very flexible way of editing a project to suit your desires.

> *"When done right, cutting to different angles keeps the story of your movie interesting and the pace flowing"*

The official term for this is creating cutaways. As we saw earlier, although *iMovie* appears to only handle a single layer of video (meaning you can't stack clips on top of each other, as you can with *Final Cut Pro* for instance) there is support for an additional layer when the need arises, and when the **Advanced Tools** have been turned on. Just like you could with the split screen effect, you can add a clip on top of another, but instead of seeing both at the same time, it's a straight cut: the clip above completely replaces the one below for its duration.

Why would you do this instead of cutting the clip and inserting the other in between? For flexibility: that way you can move the cutaway clip over the narrating one until you find the perfect spot. Also, the narrating clip's audio track is uninterrupted so you can see a shot and listen to another clip's audio at the same time.

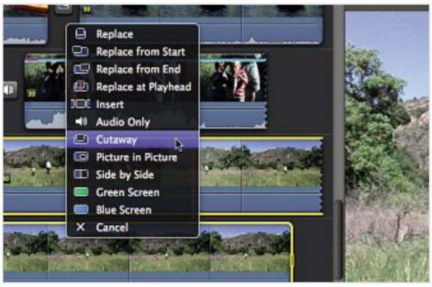


Volume: 0%
Ducking: ☐ Reduce volume of other tracks to: 15%
Fade In: ☐ Manual: 0.5s
Fade Out: ☐ Manual: 0.5s
Enhance: ☐ Reduce background noise by: 0%
Equalizer: ☐ Custom

iMOVIE QUICK TIP

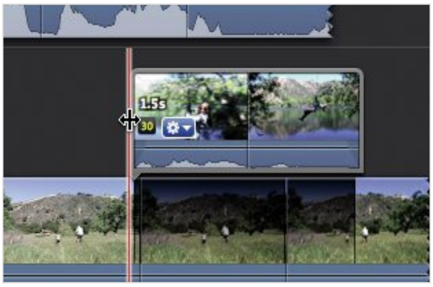
To mute the cutaway's sound track, double-click on it then simply drag its volume slider to the left.

» HOW TO / Create a cutaway effect



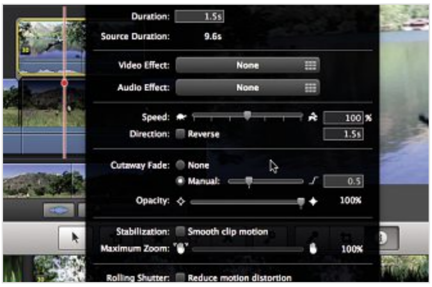
01 Make a cutaway

With *iMovie*'s **Advanced Tools** turned on in the **Preferences** window, select a shot from one of your Events and drag it over a clip in your chosen project. A contextual menu will appear. Select **Cutaway** and the clip will be placed above the original, on a second layer.



02 Move and alter

As you drag the cutaway along, a shadow will appear on the clip beneath it to give you an idea of which part will be obstructed. Move the cursor to either one of the cutaway's edges to turn it into a resize tool. You can drag the edges inward or outward to decrease or increase duration.



Duration: 1.5s
Source Duration: 9.6s
Video Effect: None
Audio Effect: None
Speed: 100%
Direction: ☐ Reverse 1.5s
Cutaway Fade: ○ None
● Manual: 0.5
Opacity: 100%
Stabilization: ☐ Smooth clip motion
Maximum Zoom: 100%
Rolling Shutter: ☐ Reduce motion distortion

03 Fades and opacity

Double-click on the cutaway to open the Inspector window. The middle section offers you a couple of options specifically for that type of clip: you can choose to add a cross-fade transition which will appear both at its start and end; or alter the opacity to see part of the lower clip through it. ●

»

07

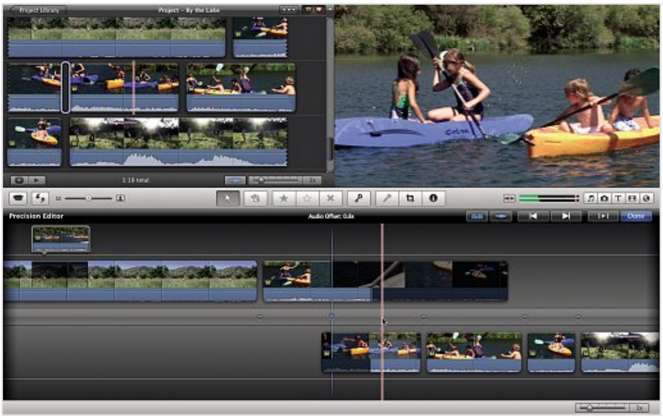
Perform a split edit

You can cut video to another shot, but how do you let audio carry on?

iMOVIE QUICK TIP
Stay in the Precision Editor and jump from one edit point to the next by clicking on these little grey circles.

When you cut a clip and insert another in *iMovie*, its audio is cut at the same time. But if you watch any movie, you'll notice that this isn't what usually happens: a scene between two people takes place, the action cuts between a shot of one to another before the first person has finished speaking, yet you can still hear them.

This is known as a split edit. It is used extensively throughout the industry and is a great way to improve a shot. It offers immense flexibility since you get to use the audio that works best for your current situation. Split edits are obviously easy to achieve with professional editing suites, but how would you manage with a consumer-level program? If you were working with the original *iMovie*, you'd be out of luck. Even with a version as recent as the one released in 2009, you'd have to create complicated workarounds like detaching the audio and extending it, leading to potential disaster should that audio track move out of sync with the video it came from.

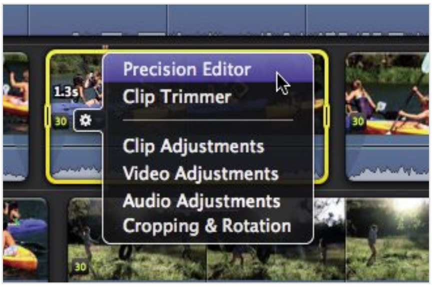


Perform advanced split editing techniques with the help of the Precision Editor.

That option is still available in *iMovie '11*, but thankfully, the latest version also introduced many very powerful audio features (some of which had been missing since *iMovie 6 HD*). These include being able to see a clip's audio waveforms, alter just a segment of it and even see at a glance which part could be peaking and lead to distorted sound, making it easier to fix, or cut out of your project. Another addition is the split edit and we'll show you how it's a lot easier to achieve than it appears.

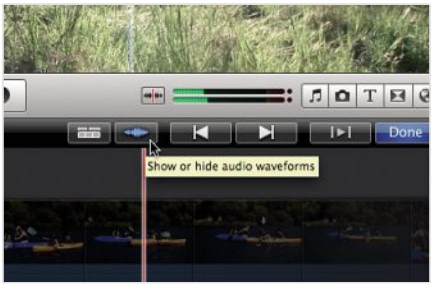
> *"Split edits are easy to achieve with professional editing suites, but how do you manage with a consumer program?"*

» HOW TO / Create a split edit effect



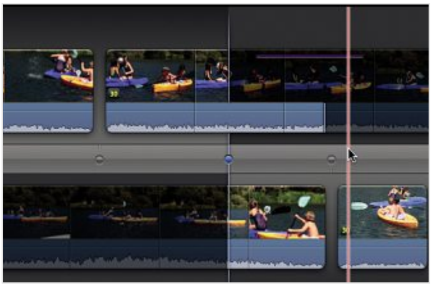
01 The Precision Editor

Find a clip in your project whose audio you'd like to extend and mouse over its thumbnail. You'll see a button appear lower left of it. Click on it and select the first option: **Precision Editor**. The lower part of the interface is replaced with a more zoomed-in version of your clips and their edit points.



02 See waveforms

By default, you'll only see the video clip. Just like the project section, you can zoom in or out of it with the slider, bottom-right of the section. If you want to see the clip's audio track, you need to click on the **Show Audio Waveform** button, top-right of the interface.



03 Create the split edit

Move the cursor to the edit point's blue line and make sure it's over the audio waveform, not the video. Now drag to the right to extend the audio but leave the video exactly where it was. You can do the same for the clip beneath it so you don't hear two audio tracks at the same time. ●

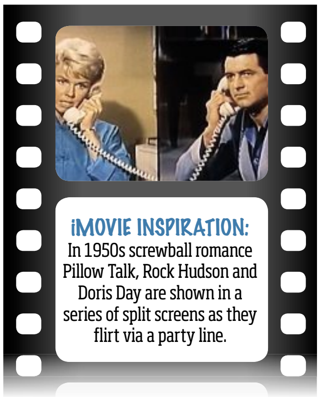
08

Split the screen in a clip

Create the effect for more than one image on the screen at the same time

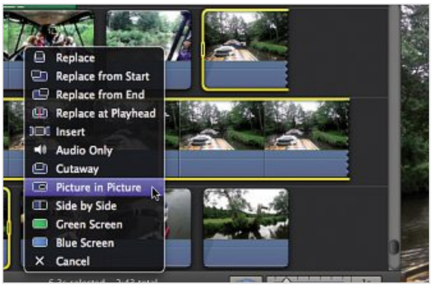
Generally, the screen is the viewer's window into the film's world and it behaves like human eyes: you see one image at a time. But film can be a lot more flexible than that. You can in fact be more creative and see more than one image at the same time, each battling for your attention or complementing each other. The most traditional reason to have two images side by side is for telephone conversations so you can see both people talking and more crucially, their reaction to what they're hearing. But you can also work with a smaller image, tucked away in the corner of the screen to create an observer of the larger action, for instance. You could also find a creative way to make both images interact with one another.

iMovie's interface appears to be designed to only handle a single layer of video and you can only put one clip before or after another. But it is possible to create both of the effects described above without you having to purchase a more expensive application – although you'll have to make sure the **Advanced Tools** are turned on (they aren't by default).



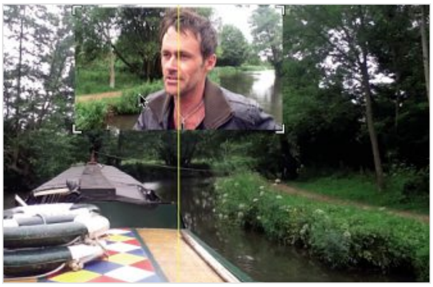
iMOVIE INSPIRATION: In 1950s screwball romance Pillow Talk, Rock Hudson and Doris Day are shown in a series of split screens as they flirt via a party line.

» HOW TO / Create the split screen effect


Replace
Replace from Start
Replace from End
Replace at Playhead
Insert
Audio Only
Cutaway
Picture in Picture
Side by Side
Green Screen
Blue Screen
Cancel

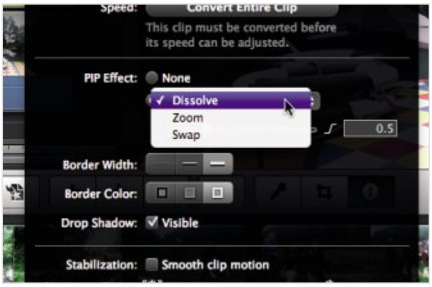
01 Picture in Picture

Drag a clip from an Event onto one already in your project (it doesn't matter which since you can move it around later). With your **Advanced Tools** switched on, a large menu will pop up. Select **Picture in Picture** from the contextual menu and your new clip will appear above the current one.



02 Move and resize

Check the preview section and you should now see a smaller clip top-right of the main image. You can actually move it around to wherever you please with a simple click and drag. Also, if you drag one of its corners, you can resize the smaller picture until it's the dimension you're after.



Speed: Convert Entire Clip

This clip must be converted before its speed can be adjusted.

PIP Effect: ○ None
✓ Dissolve
Zoom
Swap
0.5

Border Width:

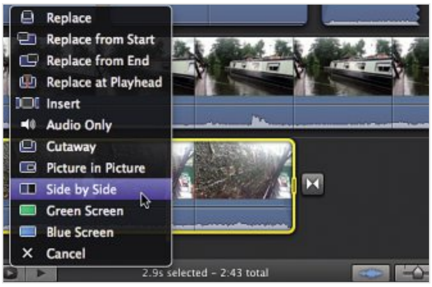
Border Color:

Drop Shadow: ☑ Visible

Stabilization: ☐ Smooth clip motion

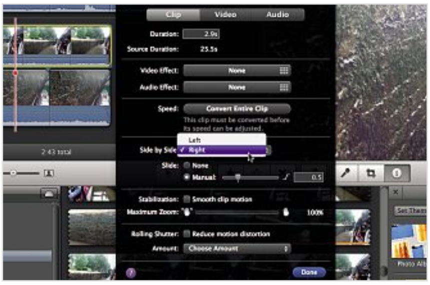
03 Inspector options

Double-click it to open the Inspector. From there, you can add a border around your smaller clip with a limited choice of thickness and colours. You can also turn the shadow on and off by clicking the appropriate tick box. The **PIP Effect** section offers you three ways to make the clip appear on screen.


Replace
Replace from Start
Replace from End
Replace at Playhead
Insert
Audio Only
Cutaway
Picture in Picture
Side by Side
Green Screen
Blue Screen
Cancel
2.9s selected – 2:43 total

04 Side by Side

You could alter the smaller clip until it's the same size as the one beneath it, but you can't place it side by side. To do this, you need to use a different tool. Drag another clip from an Event onto one in your project. This time you should choose **Side by Side** from the contextual menu.


Clip
Video
Audio
Left
✓ Right
Done

Duration: 2.9s

Source Duration: 25.5s

Video Effect: None

Audio Effect: None

Speed: Convert Entire Clip

This clip must be converted before its speed can be adjusted.

Side by Side: Right

Slide: ○ None ● Manual 0.5

Stabilization: ☐ Smooth clip motion

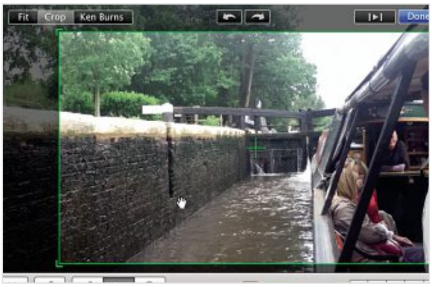
Maximum Zoom: 100%

Rolling Shutter: ☐ Reduce motion distortion

Amount: Choose Amount

05 More Inspector options

Double-click on the new clip to open the Inspector window. The options you're looking for are in the **Side by Side** section. You can choose which side of the image it will be placed, and whether you'd like it to slide into view instead of just appearing out of nowhere.


Fit
Crop
Ken Burns
Done

06 Cropping makes perfect

iMovie cuts your clip in half for you, focusing on the middle of the image. This may not be ideal; so if you do need the effect to preserve another part of the video, you have to use the **Crop** tool and experiment with the best section to use (you may also find a **Ken Burns** effect useful too). ●

»

09

Create a movie trailer

Announce your forthcoming film in style using iMovie's trailer factory

PARAMOUNT PICTURES

QUICK TIP
If you know how to add accents to some vowels, you can bypass the ban on studio naming conventions.

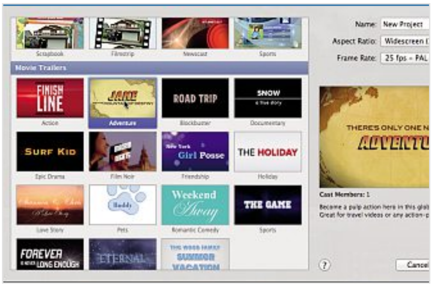
Once you've created a short film and put all your hard work into it, you need to build anticipation for your family blockbuster. After all, it's a very well ingrained tradition to create one (or more) trailers to lead the way for your film… although no one's ever truly explained why they're called trailers – aren't trailers supposed to trail, not lead?

In any case, creating a trailer is an art in itself. You have to: pick the right music; select the appropriate clips; and not show too much otherwise there's no reason to see the actual movie, but reveal enough to make people look forward to it and get excited about the story.

You'll be pleased to know that you don't actually need to think too much about this: *iMovie '11* comes with its own trailer-making factory: just add the clips in place, type in some information and you're good to go.

A lot of the technology behind trailer creation in *iMovie* centres on the program's ability to recognise if and how many people are in each shot. Without this facility, making such projects wouldn't be as fun, or as fast – as you'll see…

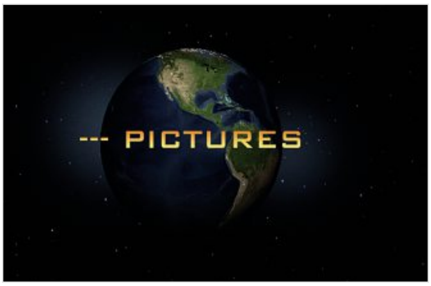
» HOW TO / Put together a movie trailer


Scrapbook
Filmstrip
Newscast
Sports
Movie Trailers
FINISH LINE
Action
JANE
Adventure
ROAD TRIP
Blockbuster
SNOW
Documentary
SURF KID
Epic Drama
Film Noir
Girl Posse
Friendship
THE HOLIDAY
Holiday
Love Story
Pets
Weekend Away
Romantic Comedy
THE GAME
Sports
FOREVER
ETERNAL
SUMMER VACATION
THERE'S ONLY ONE
ADVENTU
Cancel

Name: New Project
Aspect Ratio: Widescreen
Frame Rate: 25 fps - PAL
Cast Members: 1
Become a pulp action hero in this glo… Great for travel videos or any action-p…

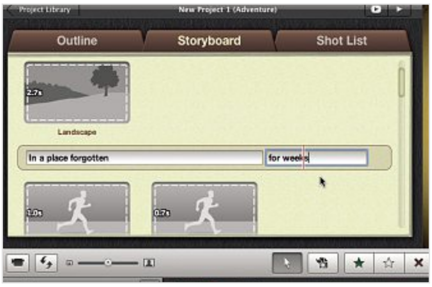
01 Trailer selection

Start by creating a new project: use the ⌘-N keyboard shortcut. Scroll down past the usual project themes to the **Movie Trailers** section. You can choose from one of 15 different types. If you're not sure which one to go for, click on it and see a sample, complete with theme music.



02 Type in the details

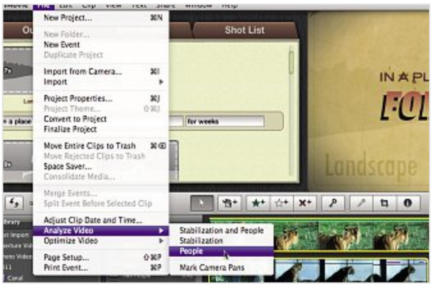
The project area takes on an entirely new look and presents you with an outline of your trailer. Fill in all the information requested. The logo style is a choice of five recognisable Hollywood production studios – but don't try using that studio's actual name: *iMovie* won't let you.


Project Library
New Project 1 (Adventure)
Outline
Storyboard
Shot List
2.7s
Landscape
1.0s
0.7s

In a place forgotten
for weeks

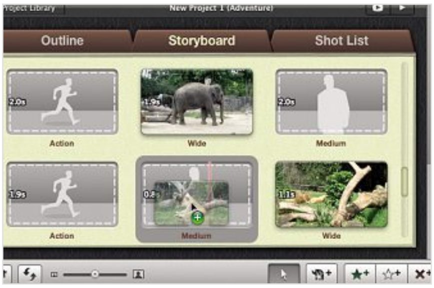
03 Storyboard titles

Switch to the **Storyboard** section (the middle tab) where you'll see the building blocks of your movie, along with placeholder images and generic titles. Click on those titles to customise them (skim through them to see what they'll look like in the preview section; they are played in real time).


New Project… ⌘N
New Folder…
New Event
Duplicate Project
Import from Camera… ⌘I
Import
Project Properties… ⌘J
Project Theme…
Convert to Project
Finalize Project
Move Entire Clips to Trash ⌘⌫
Move Rejected Clips to Trash
Space Saver…
Consolidate Media…
Merge Events…
Split Event Before Selected Clip
Adjust Clip Date and Time…
Analyze Video
Optimize Video
Page Setup…
Print Event…
Stabilization and People
Stabilization
People
Mark Camera Pans
Shot List
for weeks
IN A PL
FOI
Landscape

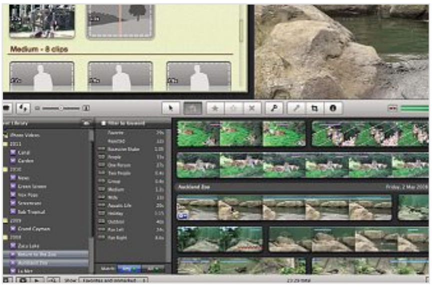
04 The Keyword panel

The **Advanced Tools** have to be turned on for this next step. In order to fill in those placeholder clips quickly, go to Window > Show Keyword Filter to open a panel to the left of the Event thumbnails. If no keywords are present, you'll also need to select your clips and go to File > Analyse Video > People.


Project Library
New Project 1 (Adventure)
Outline
Storyboard
Shot List
2.0s
Action
1.9s
Wide
2.0s
Medium
1.9s
Action
0.8s
Medium
1.1s
Wide

05 Filter to fill

You'll see filters for **Wide**, **Medium** and **Close-up** shots, along with others with one, two or more people in the frame. Click on one of those filters to see all the clips matching that category. You can then drag the appropriate clip onto the right placeholder in your storyboard.


Medium - 8 clips
Auckland Zoo

06 The Shot List

If you're getting lost, go to the **Shot List** tab. All the clips you need to find are there, listed by time. You can fill them up really fast: select the first one, then click on a clip to replace the placeholder instantly. The next placeholder is automatically selected. Repeat the process until none are left. ●

10

Cut in time to music

Create an effective montage or opening sequence in time to the music

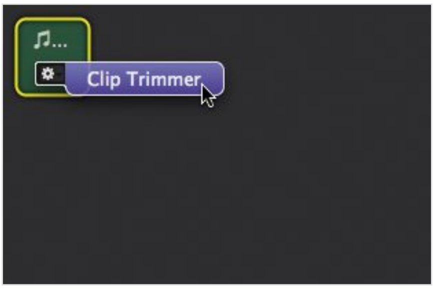
Music is an essential part of any movie, as it helps set the mood for a scene. An opening sequence would be a lot less interesting and montages would just be a bland assortment of clips without any musical score to underpin them. Who can forget *Soylent Green*'s musical opening montage, or the soundtrack that introduces *Rocky*?

Like these, the best examples of such sequences are those that are designed to work in time to the accompanying audio track. Trying to replicate such segments may be simple with a high-end video editing programme, but there's no obvious way to achieve this with *iMovie*; unless of course you reveal the audio's waveform in your project and manually trim each clip you're adding to match a particular peak, which would be an incredibly time-consuming and frustrating exercise.

Thankfully, hidden inside the **Clip Trimmer** is a way of doing this effortlessly. You'll see that anybody now has the means of editing any sequence in time to any musical track of their choosing. It really is only a matter of hitting the right key just at the right time.

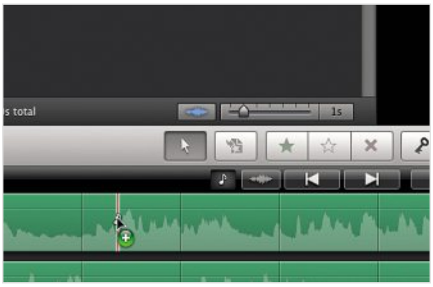
iMOVIE INSPIRATION: The training scene at the end of Rocky is a classic example of cutting scenes to music.

» HOW TO / Cut your video to music


♫...
Clip Trimmer

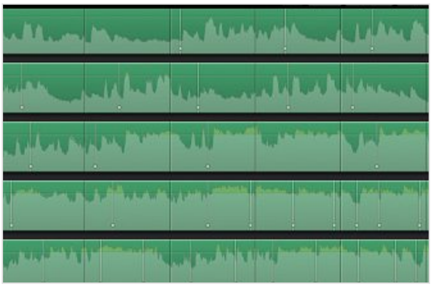
01 Music selection

Start with a brand new project. Go to Window > Music and Sound Effects to bring up the section, bottom-right of the interface. Find a song you'd like to use and drag it onto the empty project. All you'll see is a small green square with a cog wheel button. Click on that button and choose **Clip Trimmer**.



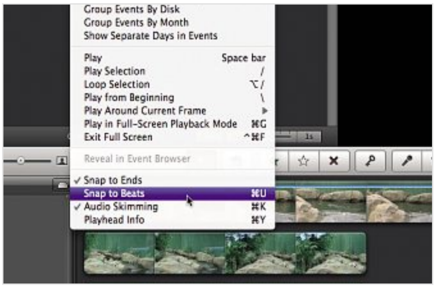
02 The musical note

The **Clip Trimmer** will appear in the area where your Events usually show; it displays the entire song's waveform over multiple lines. Top-right of the section is a series of icons. You can drag the musical note over your track to place a marker if you like, but that's not a very efficient method.



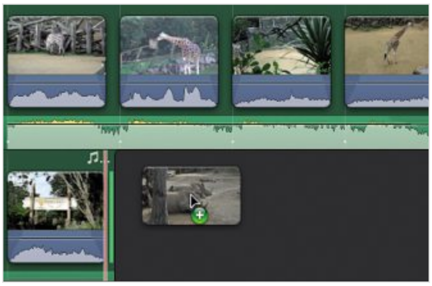
03 Add markers

Instead, start playing your song and each time you wish to add a marker (a point where you'll want to cut to another clip in time to the music), hit the M key. Don't worry if you're not very accurate: you can drag those white markers around until their position is perfect. Once finished, click **Done**.


Group Events By Disk
Group Events By Month
Show Separate Days in Events
Play Space bar
Play Selection /
Loop Selection
Play from Beginning \
Play Around Current Frame
Play in Full-Screen Playback Mode ⌘G
Exit Full Screen
Reveal in Event Browser
✓ Snap to Ends
Snap to Beats ⌘U
✓ Audio Skimming ⌘K
Playhead Info ⌘Y

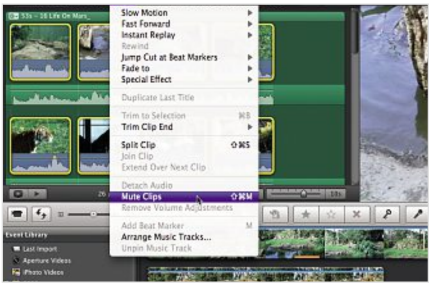
04 Snap to Beat

Before you start editing your sequence, there's one more setting you need to turn on: *iMovie* needs to realise that those markers are important (it will curiously ignore them by default). In order to do this, make sure View > Snap to Beat has a tick next to it. If it hasn't, click on it to activate that feature.



05 Add clips

Your project doesn't look any different, but that's all about to change: choose a clip but don't worry about your selection's duration – just make sure it starts where you want it then drag it over your project: it'll be cut as soon as it reaches the first marker. Add more clips to build your edit.


Slow Motion
Fast Forward
Instant Replay
Rewind
Jump Cut at Beat Markers
Fade to
Special Effect
Duplicate Last Title
Trim to Selection ⌘B
Trim Clip End
Split Clip ⇧⌘S
Join Clip
Extend Over Next Clip
Detach Audio
Mute Clips ⇧⌘M
Remove Volume Adjustments
Add Beat Marker M
Arrange Music Tracks...
Unpin Music Track
Event Library
Last Import
Aperture Videos
iPhoto Videos

06 Mute 'em

A sequence built in time to music often works best when no other audio can be heard, but montages involve many clips and it would be time consuming to mute each one individually. Thankfully, there's a faster way: Go to Edit > Select All, then Clip > Mute Clips to do it all in one go. ●

£1 UNLIMITED RESELLER WEB HOSTING

Get your first month reseller hosting for only £1

Complete solution

Our reseller hosting package includes unlimited web space, unlimited bandwidth and the ability to host unlimited domains at no extra charge. Offer your customers a complete web hosting solution by adding dedicated servers, Exchange hosting and domain names to your product range.

RESELLER FEATURES

- ✓ Host unlimited websites
- ✓ 100% your brand
- ✓ Create, manage & delete in real time
- ✓ UK data centre
- ✓ 24x7x365 UK support

Web Hosting

FIRST MONTH ONLY £1

- ✓ Windows & Linux – no extra cost
- ✓ Sell unlimited web space, bandwidth, databases & email
- ✓ Create your own packages
- ✓ iPhone control panel for you & your customers
- ✓ White label marketing collateral
- ✓ Add as many accounts as you need at no extra cost

+

Add to your package...

Domain Names

- ✓ Sell as a standalone product or with hosting
- ✓ No monthly fee or set up costs
- ✓ Full DNS management
- ✓ Free .uk domain transfers in & out
- ✓ White label domain name control panel

HUGE BULK SAVINGS

Exchange Hosting

Only £4.99 per mailbox

- ✓ Microsoft Exchange 2010 as standard
- ✓ Free Outlook 2010 for you & your customers
- ✓ 4GB storage space
- ✓ Sell as a standalone product or with hosting
- ✓ Transfer in Exchange 2003 & 2007 easily

50% DISCOUNT FOR RESELLERS

Dedicated Servers

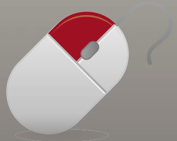
Only £59.99 per month

- ✓ No long term commitments
- ✓ Linux & Windows Dell branded servers
- ✓ No set up costs
- ✓ Full server control panel for your customers
- ✓ iPhone control panel for you & your customers

25% DISCOUNT FOR RESELLERS

HostPay – Free with our Reseller Package

HostPay is our purpose built web hosting shopping cart & customer management system.



One click install so you can be up and running in minutes

Integrate into your website or choose one of our themes

Take, process & fulfil orders automatically in real time

Supports PayPal, Google Checkout, Worldpay, Sage Pay, Nochex & 2Co

> “Heart Internet support their customers with market-leading hosting technology at great prices”

Suzi Perry

Technology TV Presenter

heart internet
www.heartinternet.co.uk

Tel: 0845 644 7750
Email: sales@heartinternet.co.uk

MasterCard Maestro VISA Direct Debit

Prices exclude VAT
Normal price from £29.99 per month

"SketchMee enables you to take any photo and apply natural filters to it"

TURN PHOTOS INTO HAND-DRAWN WORKS OF ART P48

In this issue...

PHOTOS

Use Photoshop's Smart Brush 44
Pick your best shots in iPhoto 46
Create sketches fast 48

MOVIES

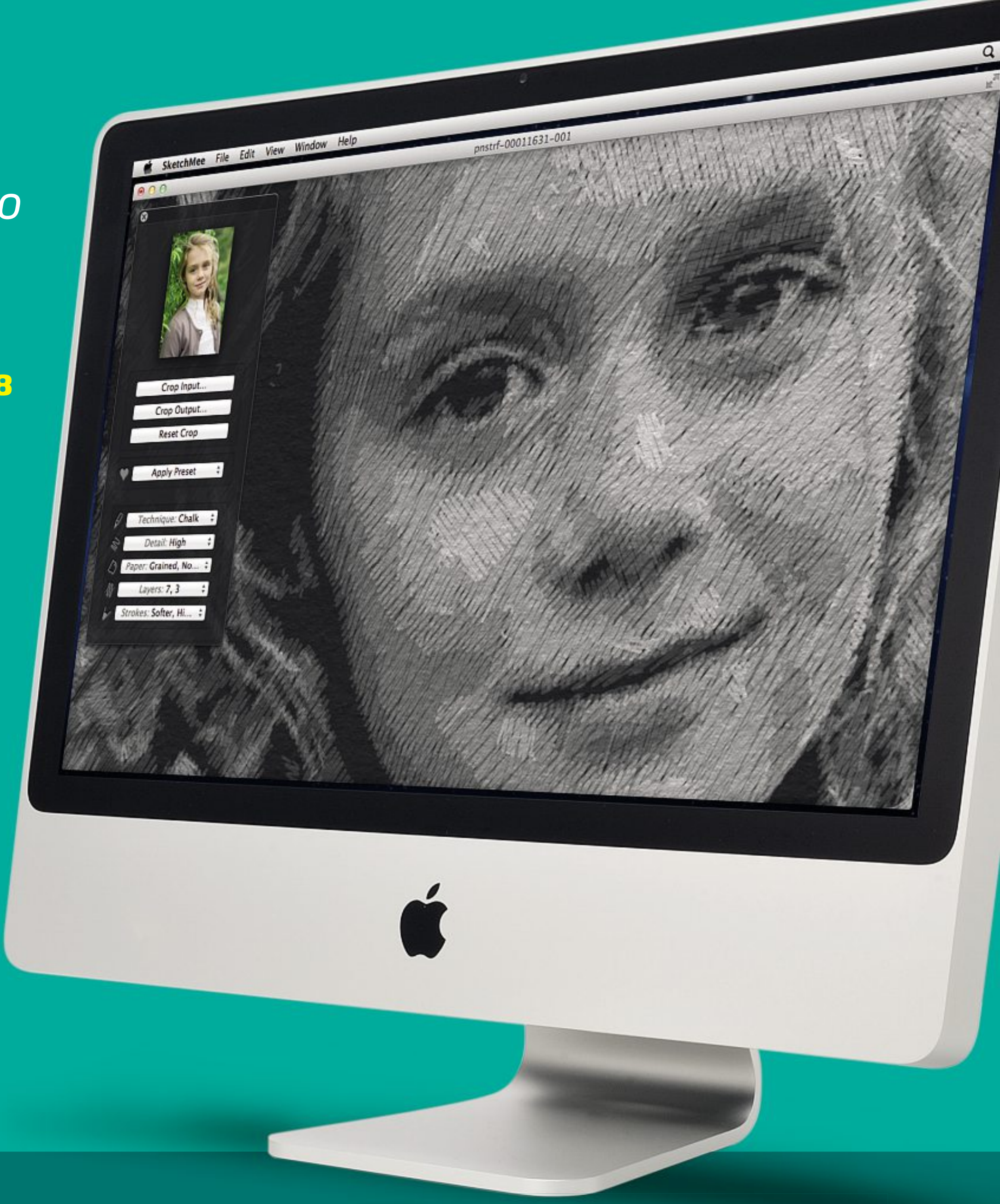
Convert video for iTunes 50

OFFICE

Record your family history 52
Manage your working week 54
Do your sums in Numbers 56

SYSTEM

Get started with Parallels Desktop 7 58
Make the most of Lion's Finder 60
Never lose your work again 62



How to...

PHOTOS • MOVIES • MUSIC • OFFICE • SYSTEM

Rob Mead-Green
Deputy Editor

One of the blessings – and curses – of digital photography is that you're no longer limited in the number of shots you can take, potentially leaving you with thousands of photos that you have to sort through on your Mac. This month Rod Lawton shows you how to use *iPhoto* to separate your best snaps from the rest. See page 46.

Whatever you do to your pictures in *iPhoto* it's good to know that Apple has your back if something goes wrong, thanks to *Time Machine* and non-destructive editing. Similar principles apply to the new Auto Save and Versions features of OS X Lion, which can help save documents as you work on them and even retrieve earlier versions should you need to. See page 62.

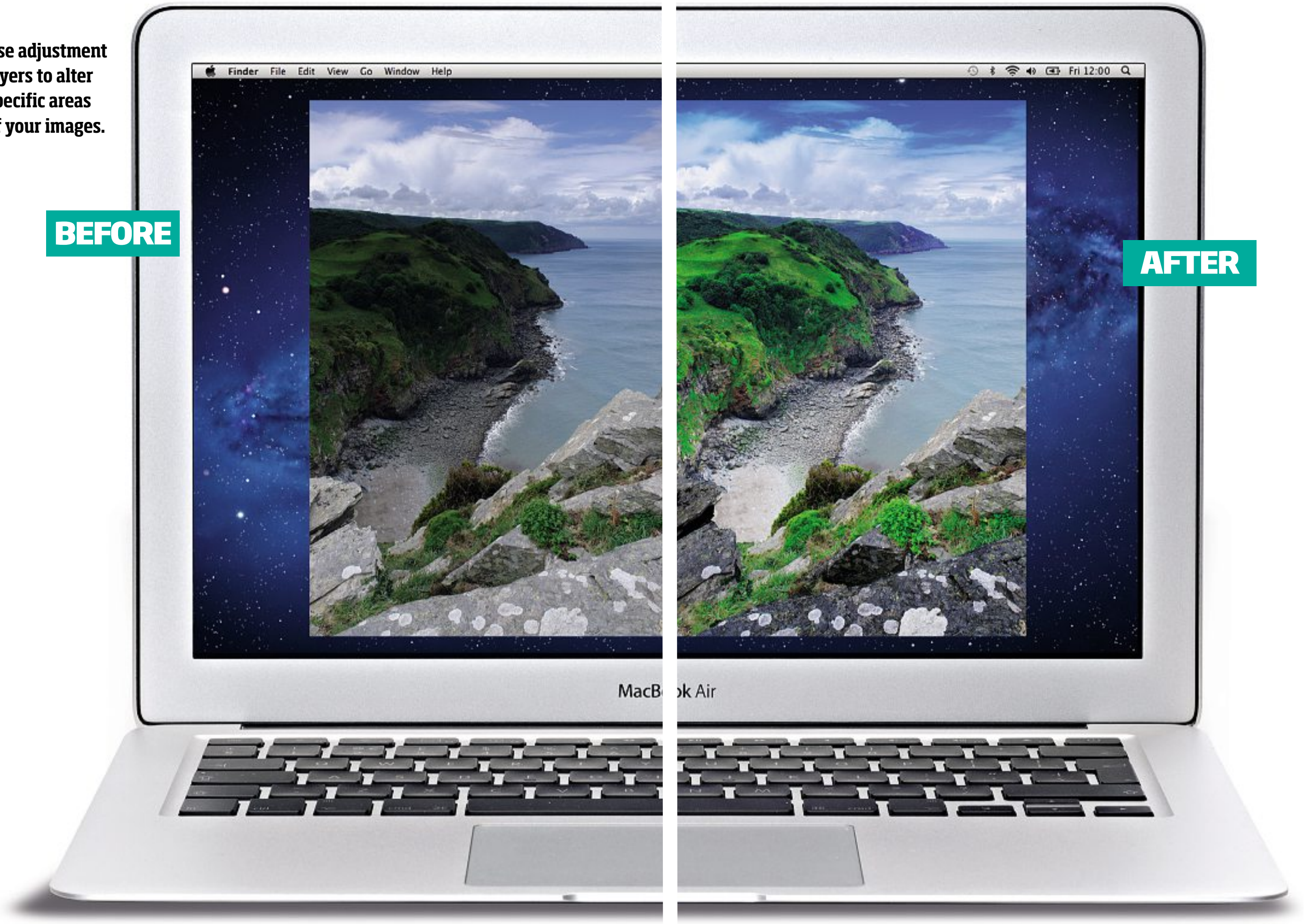
Other highlights in this issue include a guide to the enhancements in Lion's *Finder* (page 60), managing To Dos with *Wunderlist* (page 54) and even a guide to tracing your own family history using *MacFamilyTree* (page 52).

If there are any tips or tutorials that you'd like to see in *MacFormat*, drop me an email (**rob.mead-green@futurenet.com**). I look forward to hearing from you.

>> DID YOU KNOW?

Keep your Mac software up to date with the free *AppFresh* (Metaquark), which scans your apps and plug-ins, then checks **osx.iusethis.com** for updates.

Use adjustment layers to alter specific areas of your images.



Use Photoshop's Smart Brush

Use the Smart Brush to create selections and apply adjustments in a single step

>> KEY INFO

DIFFICULTY
Intermediate

TIME NEEDED
15 minutes

WHAT YOU'LL NEED
Photoshop Elements 8 or later

Usually in *Photoshop* or *Elements*, enhancing specific areas of a picture is a three-step process: first, you make a selection; second, you create an adjustment layer; and third, you choose adjustment layer settings.

But the Smart Brush tool in *Elements* offers a way of combining all three steps in a single process. You might try it out once or twice, decide it's not for you and not use it again. This is because it's based around the Quick Selection tool, which is certainly quick, but creates very tight selections. These are good for defined outlines but no good for subtly blending an adjustment into surrounding areas. But for certain subjects it's actually very effective.

Although its selections can appear crude and sometimes arbitrary, it's not hard to modify them: by adding or subtracting 'rogue' areas; by refining the selection after you've created it (see the Quick Tip); or by manually editing the layer masks that the Smart Brush creates.

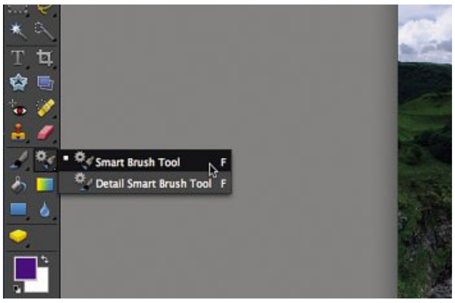
This is the clever part. The Smart Brush doesn't directly modify the pixels in the image. Instead, it creates an adjustment layer above it, using the selection created by the brush as the layer mask. This limits the adjustment to the area you selected. Not only that, the type of adjustment layer created, and even the adjustments applied, are defined by the adjustment preset you choose when you apply the Smart Brush.

> *"The Smart Brush doesn't modify the pixels in the image – it alters an adjustment layer above it"*

Adjustment layers are the best way to enhance photos, but they're not exactly novice-friendly. But the Smart Brush tool lets you get the benefit without having to know exactly how they work. It can be a useful shortcut for experts too. Its selections might not be perfect every time, but you can easily apply a blur to the layer mask or manually paint over specific areas to blend them in.

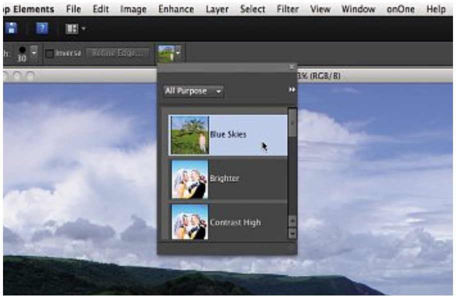
Rod Lawton

HOW TO / Apply semi-automatic image enhancements


Smart Brush Tool F
Detail Smart Brush Tool F

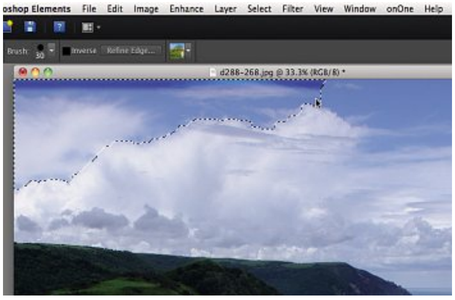
01 Choose Smart Brush

Two **Smart Brush** tools share the same fly-out on the tools panel. The regular **Smart Brush** tool is the one we'll use; the **Detail Smart Brush** is worth a mention too. It creates an adjustment layer, but doesn't make a selection – it 'paints' the adjustment on the image 'freehand'.


All Purpose
Blue Skies
Brighter
Contrast High

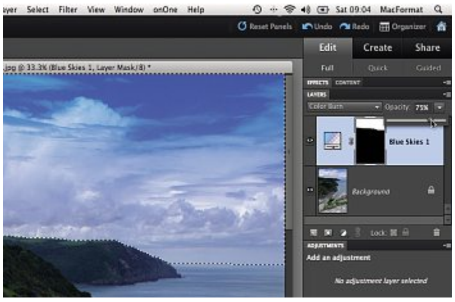
02 Choose your adjustment

With the **Smart Brush** tool selected, the options bar displays a list of adjustments in a panel. These are organised into categories via a menu on the panel. Above is the 'All Purpose' category, with 'Blue Skies' selected – useful for enhancing dull-looking skies.



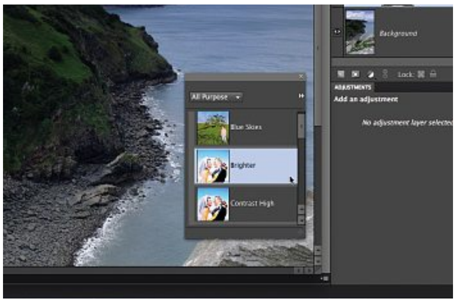
03 Paint on the effect

When you start painting the effect onto the image, it's like using the **Quick Selection** tool – it selects matching areas as you drag the brush. Here you can see the adjustment being added 'live'. Drag until the whole area you want is selected – you can change it later if needed.


Blue Skies 1
Background
Add an adjustment
No adjustment layer selected

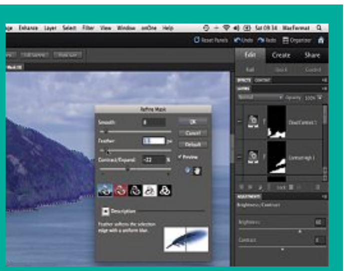
04 Layers and masks

Release the mouse button and the **Smart Brush** creates an adjustment layer; the selection you created as you dragged the brush tool turns into a layer mask, which restricts the effect to the area that's been selected. (Black areas hide the effect, white areas show it).


Background
Add an adjustment
All Purpose
Blue Skies
Brighter
Contrast High

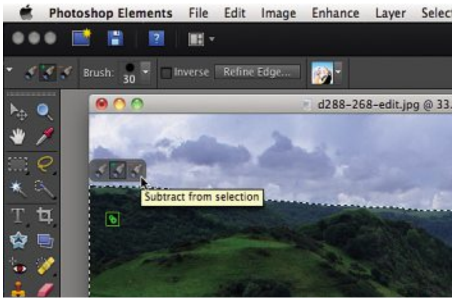
05 More adjustments

Apply as many **Smart Brush** adjustments as you like. Here, we can use the **Brighter Smart Brush** preset to lighten up the dark hillsides. The key thing is to deselect (⌘+D) the current **Smart Brush** selection first, or you will replace the adjustment layer.



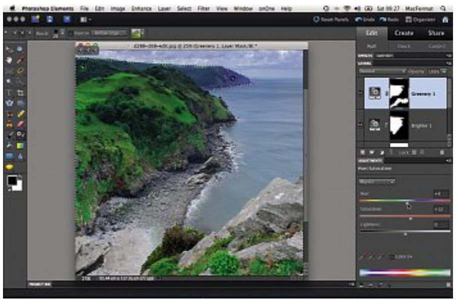
QUICK TIP

You can improve selections even after they've been created. Select the **Smart Brush** tool, then click the layer mask of the effect you want to adjust. The selection is re-activated. Click the **Refine Mask** button on the options bar to adjust the selection.


Photoshop Elements File Edit Image Enhance Layer Selec
Brush: 30
Inverse
Refine Edge...
d288-268-edit.jpg @ 33
Subtract from selection

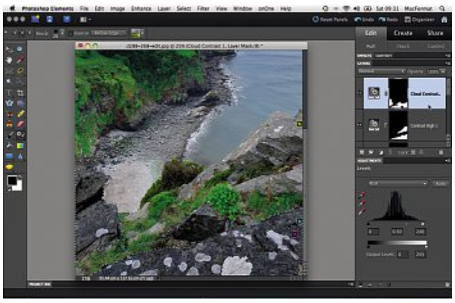
06 Selection adjustments

Smart Brush selections don't always work out right first time. But you can add to or subtract from the selection using the plus or minus buttons at the top-left of the selection. Alternatively, you can hold down the ⇧ or ⌥ keys as you drag with the **Smart Brush** tool.



07 Colour adjustments

You can make more than one adjustment to the same area (though it can ultimately degrade the picture quality). Here, a 'Greenery' adjustment has been used to intensify the colour of the hillsides. It creates a **Hue/Saturation** adjustment layer to achieve this.



08 Tuning the composition

Finally, the **Smart Brush** tool has been used to darken the rocks in the foreground. There are two adjustment here: one to increase the contrast and another to darken the rocks, using the 'Cloud Contrast' effect from the 'Nature' set. Don't be afraid to experiment! ●

Pick your best shots in iPhoto

Make your best shots stand out by hiding the rest of your iPhoto library

KEY INFO

DIFFICULTY
Intermediate

TIME NEEDED
Varies*

WHAT YOU'LL NEED
Any version of iPhoto

*Depends on the number of photos

Digital photography is quick, easy and (if you discount the cost of the camera and memory card) free. You can very quickly end up with a large collection of photos where, let's be honest, there are likely to be a few duds. There may be some technical disasters, such as out-of-focus photos, but there will be many more which are technically fine but just very similar to other shots you took at the same time.

That's the thing about digital photography – it's tempting to take lots of shots of the same subject 'just to be on the safe side' or to try out tiny variations on angles, timing or camera settings.

That's fine, except that all you're doing is delaying a decision about which is the best version. Instead of choosing when you shoot, which is how it worked in the old days when film cost money, you have to choose when your shots are back on your Mac instead. And if you don't, your *iPhoto* library could end up looking like a dull old mass of mediocrity, where your best shots just get buried amongst the rest.

Of course, you don't necessarily want to delete the also-rans. You might still need them one day. Most of the time, you want to keep them, but you just don't want to see them. And *iPhoto* has the ideal solution – its **Hide** command. When you use this, your second-rate photos disappear from view, but they're still stored in the *iPhoto* library, and you can show them again by toggling the **Hidden Photos** command on and off.

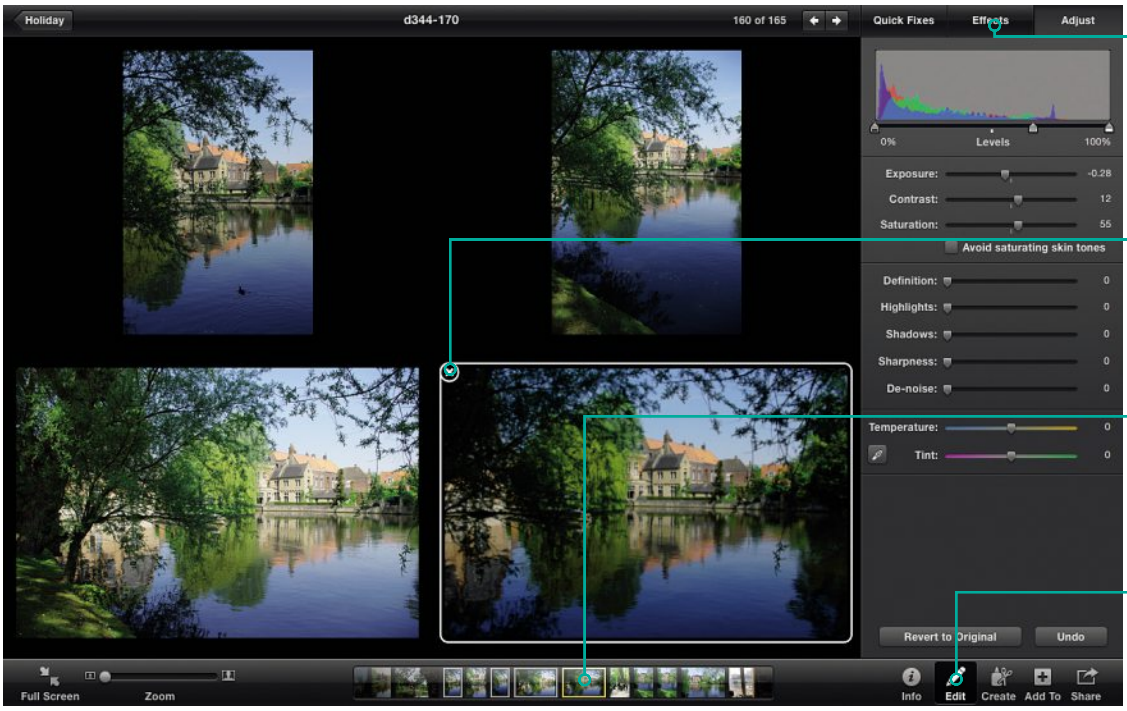
> *"Say you want to keep photos, you just don't want to see them. iPhoto has a solution – the Hide command"*

It might be obvious straight away which photos you want to hide and which you want to keep visible, and you can quickly go through a whole event or album to weed out the duds. But where you've taken a number of similar shots of the same subject, it might not be so easy.

iPhoto does have tools, however, to help you decide which photos to keep on show. In older versions of *iPhoto* there was a handy 'Compare' button that helped you choose between two, three or more similar photos, though this has been dropped in *iPhoto 11*. But you can still compare shots in a similar way in the **Edit** mode, and pick which photos to keep and which to hide. And our walkthrough shows how it's done.

Rod Lawton

QUICK LOOK / iPhoto's full-screen interface



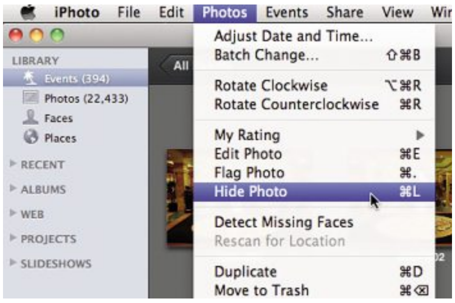
Edit tools
Enhance and modify the image using the **Quick Fixes**, **Effects** and **Adjust** panel.

Selected image(s)
Click an image and it shows a white outline and a 'close' button.

Filmstrip
The clickable filmstrip shows the images currently displayed.

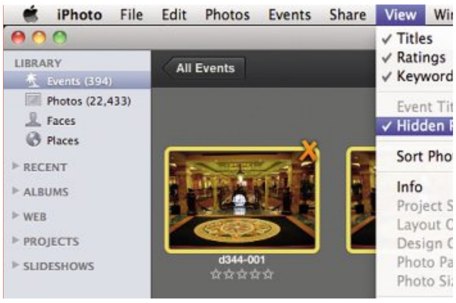
Edit button
To compare images, select them and click the **Edit** button.

HOW TO / Choose your best shots and hide your worst


iPhoto File Edit Photos Events Share View Wir
LIBRARY
Events (394)
Photos (22,433)
Faces
Places
RECENT
ALBUMS
WEB
PROJECTS
SLIDESHOWS
All
Adjust Date and Time…
Batch Change… ⇧⌘B
Rotate Clockwise ⌥⌘R
Rotate Counterclockwise ⌘R
My Rating
Edit Photo ⌘E
Flag Photo ⌘.
Hide Photo ⌘L
Detect Missing Faces
Rescan for Location
Duplicate ⌘D
Move to Trash ⌘⌫

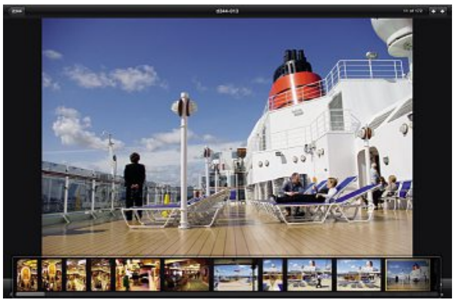
01 Hiding photos

Hiding photos is the quickest and easiest way to thin down the number of pictures displayed in your *iPhoto* library. This command lies in the **Photos** menu, but it's quicker to select one or more thumbnails and use the ⌘+L shortcut. Photos are hidden, but not deleted.


iPhoto File Edit Photos Events Share View Wi
LIBRARY
Events (394)
Photos (22,433)
Faces
Places
RECENT
ALBUMS
WEB
PROJECTS
SLIDESHOWS
All Events
d344-001
✓ Titles
✓ Ratings
✓ Keyword
Event Tit
✓ Hidden P
Sort Pho
Info
Project S
Layout C
Design C
Photo Pa
Photo Si

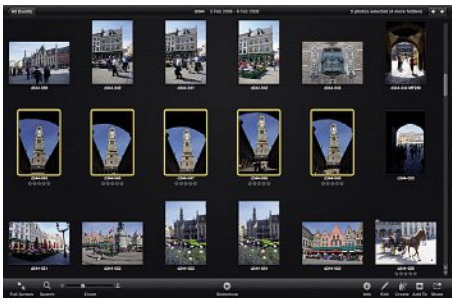
02 Showing hidden photos

You can show hidden photos via the **View** menu or with the ⇧+⌘+H shortcut. Photos you've hidden are marked with an 'X' icon, top right. If you're viewing an album or event containing hidden photos, the number is displayed at the top-right of the *iPhoto* window.



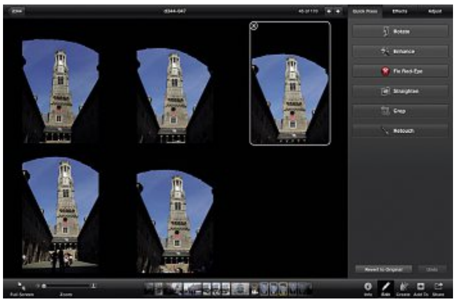
03 Full-screen mode

You can still use these keyboard shortcuts in full-screen mode, even though the menus no longer appear. In fact, this is the best mode for comparing images because there's less distraction and more space for the photos. First go through them to remove any obvious duds.



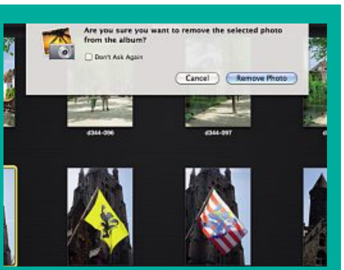
04 Select multiple images

Often, though, you'll have a series of similar images that are all technically good and that you need to choose between. Normally, you can only view one image at a time, so you need to ⌘-click on each of the photos you want to compare. This will select them all.



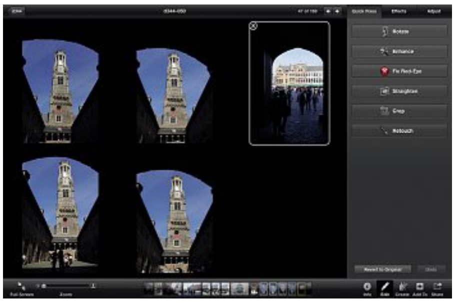
05 Swap to edit view

Click the **Edit** button. You can now view all of the selected photos side by side, moving the focus between them by clicking on the image you want. This is highlighted by a thick white border and an 'x' symbol, to close it. Let's say you want to hide this very image…


Are you sure you want to remove the selected photo from the album?
☐ Don't Ask Again
Cancel
Remove Photo
d344-096
d344-097

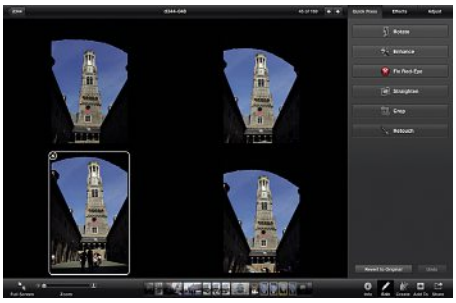
QUICK TIP

Why not just put your best shots into albums instead? While deleting photos from an album is a way of 'hiding' them without removing them, they'll still appear in events, smart albums and any other albums they've been added to. That's why!



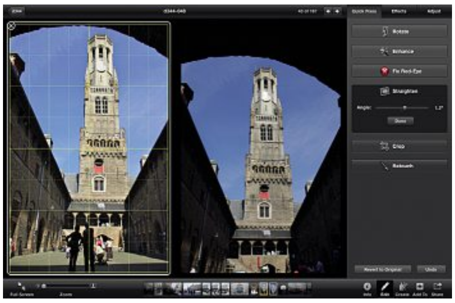
06 Hiding images

If you use the ⌘+L shortcut, the selected image is hidden, but it's then replaced by the next one along in the filmstrip, which isn't part of this group that's being compared. If only *iPhoto* closed that image panel at the same time! Just be aware that's not the way it works.



07 Closing images

You have to remember to close the image panel the hidden image was occupying, by clicking the 'x' icon, top left. By repeating these two steps (hide an image, close the panel it occupied), you can narrow down your group of images into a couple of main candidates.



08 Enhance and compare

And this is where working in **Edit** mode can start to make sense. Often, you don't know how good an image is until you've fixed it up. The best image isn't always obvious straight away, which is where the available editing tools can prove useful. ●

Create sketches fast

Use SketchMee to turn photos into 'hand drawn' works of art, in seconds

KEY INFO

DIFFICULTY
Beginner

TIME NEEDED
15 minutes

WHAT YOU'LL NEED
Mac OS X 10.6.6+, SketchMee 1.4+, a photo to work with

ON THE DISC

Find a trial of *SketchMee* on the disc.

Even basic phones have cameras these days. Add to that a profusion of inexpensive, high-quality printers, and photographs are everywhere.

In many homes, people are swapping traditional paintings for personal snaps. But with myriad photos demanding your attention from dawn to dusk, it's easy to become wearied by them and yearn for something a little more creative and natural. Yet you also don't want to remove pictures of those you care about from your walls and mantlepiece. What to do?

SketchMee is a fun and simple-to-use solution to these problems. It enables you to take any photo on your Mac and apply natural filters to it. The result is an image that looks sketched in pencil or crafted in chalk. It would be naïve to suggest that *SketchMee* is a replacement for having a real-life artist create such a piece of work, but to our eyes it's not a bad alternative – especially when it costs the price of a sandwich and a pint. And because the application has a number of settings, that means you can retain an image and still experiment with how it looks, thereby keeping pictures within reach, which are always fresh and unique.

On the following page, we run through the process of using *SketchMee*, from initial photograph through to cropped output. As always, when it comes to working with images, we strongly recommend you use copies of your treasured digital photos, to avoid accidentally overwriting an original.

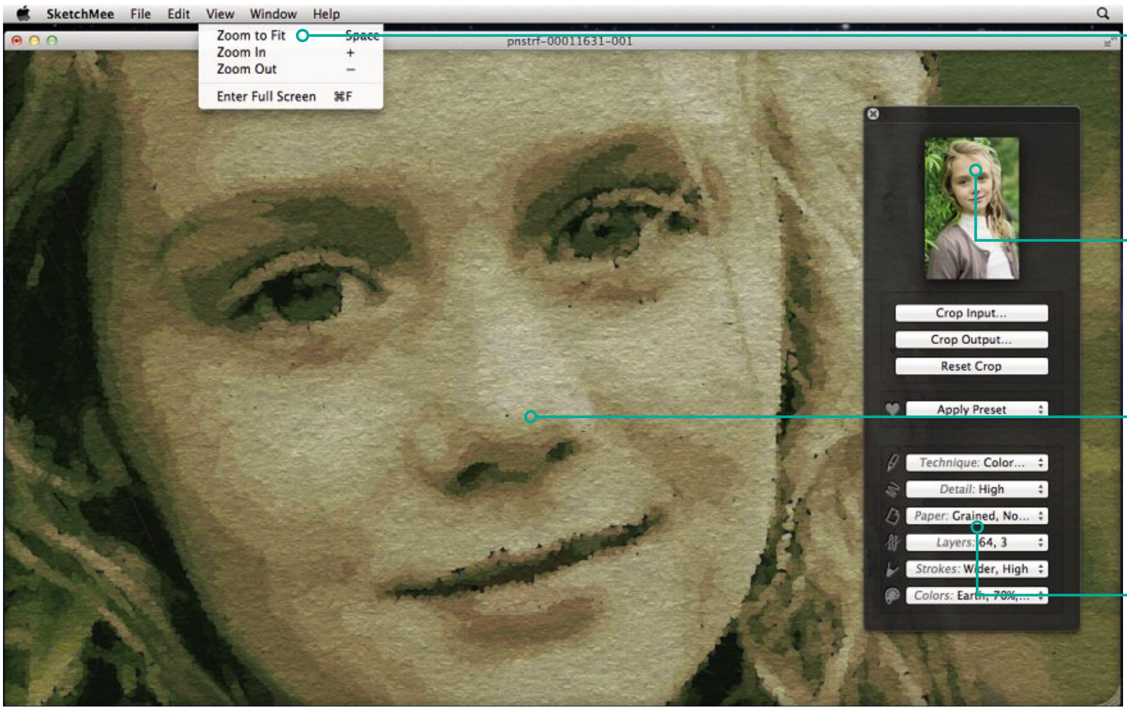
> *"SketchMee is a fun app that enables you to take any photo on your Mac and apply natural filters to it"*

In *iPhoto*, any photo can be duplicated by clicking it and selecting Photos > Duplicate. Alternatively, just drag a photo to a *Finder* folder or your desktop to make a copy; and for images already in *Finder* but not also stored in *iPhoto* or elsewhere, File > Duplicate will result in a copy that you can use.

SketchMee is available from the Mac App Store, for £5.49. There's also a 'pro' version that costs £28, which enables larger exports, the option to isolate pencil stroke layers for manipulation in *Photoshop*, PDF export support, and more. However, for most people (and for our purposes here) the standard version should be more than suitable.

Craig Grannell

QUICK LOOK / Find your way around SketchMee



Technique: Color...
Detail: High
Paper: Grained, No...
Layers: 64, 3
Strokes: Wider, High
Colors: Earth, 70%,...

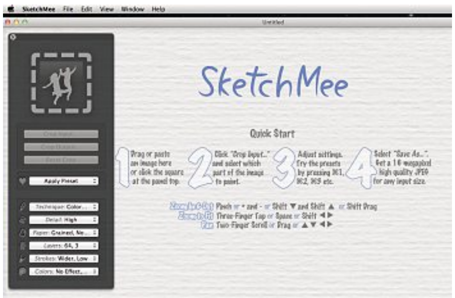
View menu
Use this menu (or its shortcuts) to zoom and as a means to enter full-screen mode.

The panel
Toggle it with Window > Show/Hide panel. See the original image?

The canvas
Updates whenever you make changes. Click-drag to move it around.

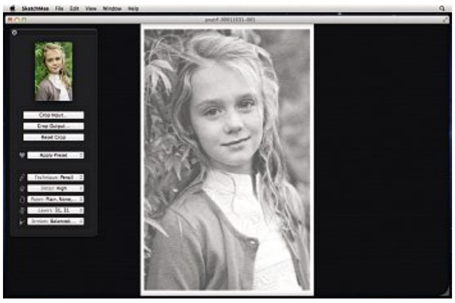
Settings menus
Contains five settings. Explore the sub-menus before you read on.

HOW TO / Turn a photo into a sketch



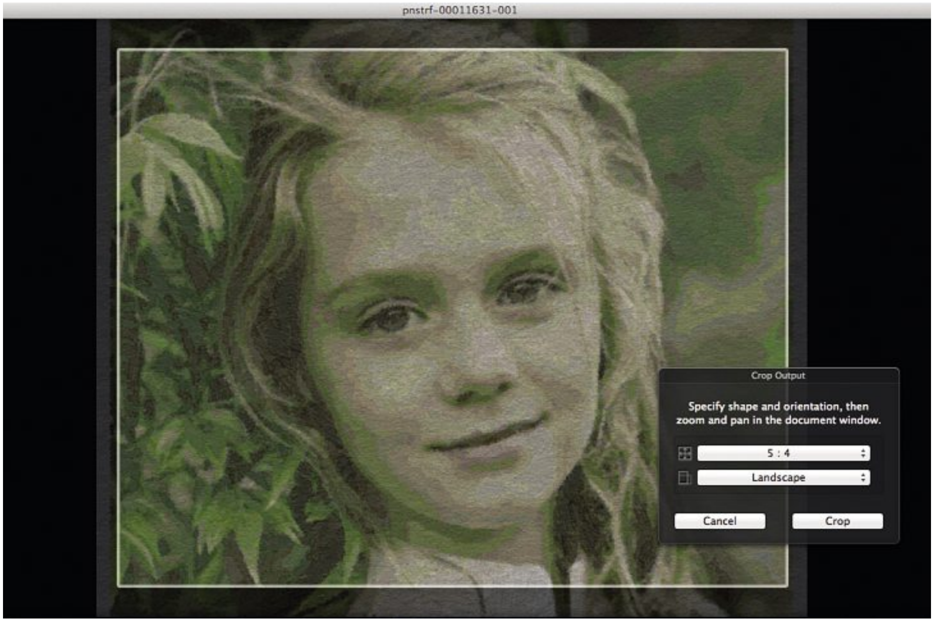
01 Launch SketchMee

Open the app. Take note of the shortcuts for manipulating the canvas via the keyboard, keyboard and mouse, or touchpad. Now drag an image to the canvas, or click the picture in the panel (Window > Show Panel) and use the **Open** dialog to select a file.



02 Create a pencil sketch

Use the following settings for a light pencil sketch: **Technique: Pencil**; **Detail: High**; **Paper Style: Plain**; **Layers: 31** (both menus); **Stroke Style: Balanced**; **Stroke Intensity: Medium**. Use File > Save As at any point. Select the largest size – you can reduce it in *Preview*.


pnstrf-00011631-001

Crop Output

Specify shape and orientation, then zoom and pan in the document window.

5 : 4

Landscape

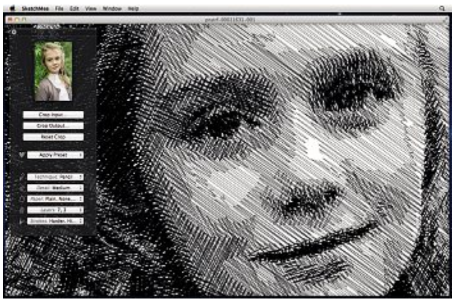
Cancel Crop

QUICK TIP

If you're happy with a combination of settings, save it by going to Edit > Replace Preset and using one of the ten blank slots. Any preset can later be retrieved – select one by using Edit > Apply Preset. Alternatively, use the 'heart' menu in the panel.

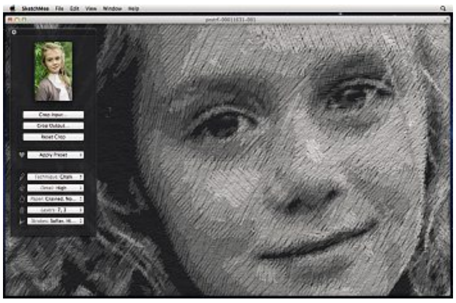
06 Learn how to crop

Cropping is a bit weird in *SketchMee*. Instead of dragging out a rectangular area and then clicking your mouse button, like you do in *Preview*, you define a shape and orientation and zoom the image within the defined area. Click **Crop Output** and select **5:4** and **Landscape**. You'll see your image within the crop area. Drag it around to position it. For the finest zoom controls, it's easiest to hold ⇧ and your mouse button, then move your mouse up to zoom out or down to zoom in. When happy with your selection, click **Crop** and save your image. Note that you can't add further tweaks to effects after cropping. If you're not happy with the crop you've made, click **Reset Crop**. ●



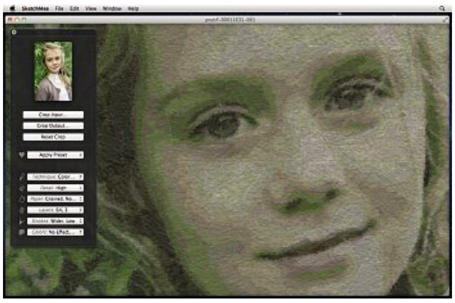
03 Go abstract

Zoom in and you'll see the image is finely hatched. By changing settings, you can create a more abstract sketch. Reduce **Detail** to **Medium**, set **Total Layers** and **Max Overlapping Layers** to **7** and **3**, and **Strokes Style** and **Strokes Intensity** to **Harder** and **Higher**.



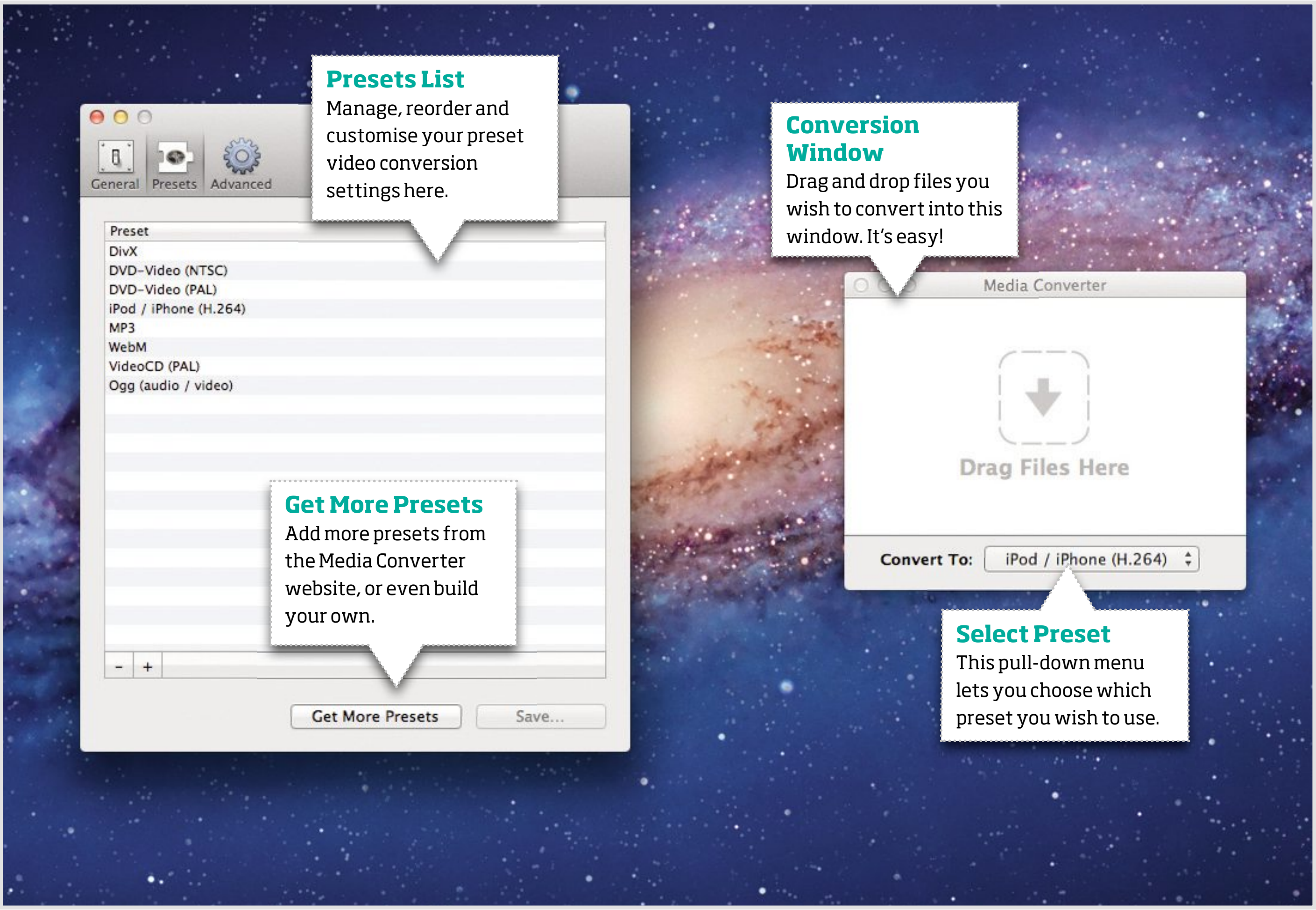
04 Start using chalk

Try a chalk drawing. Use: **Technique: Chalk**; **Detail: High**; **Paper Style: Grained**; **Max Total Layers: 7**; **Max Overlapping Layers: 3**; **Stroke Style: Softer**; **Stroke Intensity: High**. This results in a chalk drawing on black, grained paper that's soft and arty.



05 Add some colour

For a more painterly approach, select **Color Combo** from **Technique**. In theory a combination of coloured pencils and chalks, the default settings resemble acrylic paints. For a subtler watercolour approach, try setting **Stroke Style** to **Wider** and **Stroke Opacity** to **Low**.


General
Presets
Advanced
Preset
DivX
DVD-Video (NTSC)
DVD-Video (PAL)
iPod / iPhone (H.264)
MP3
WebM
VideoCD (PAL)
Ogg (audio / video)
- +
Get More Presets
Save...
Media Converter
Drag Files Here
Convert To:
iPod / iPhone (H.264)

Presets List
Manage, reorder and customise your preset video conversion settings here.

Conversion Window
Drag and drop files you wish to convert into this window. It's easy!

Get More Presets
Add more presets from the Media Converter website, or even build your own.

Select Preset
This pull-down menu lets you choose which preset you wish to use.

Convert video for iTunes

The free Media Converter utility is ideal for straightforward video conversions

>>KEY INFO

DIFFICULTY
Beginner

TIME NEEDED
20 minutes

WHAT YOU'LL NEED
A G4, G5 or Intel Mac running OS X 10.4.11 or higher, a copy of Media Converter

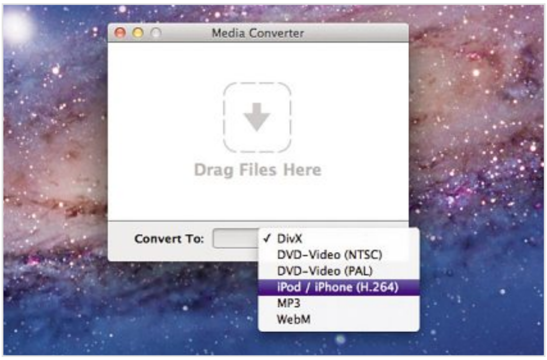
>>ON THE DISC

Find a copy of this app on the disc.

There are plenty of comprehensive and capable media conversion applications on the Mac, such as *Roxio Toast/Popcorn*, *Handbrake* and *Elgato Turbo.264 HD*. But if all you want is a straightforward means of converting your music and video to an *iTunes*-friendly format, ready for streaming to an Apple TV or playing on your iOS device, look no further than Kiwi Fruitware's *Media Converter*.

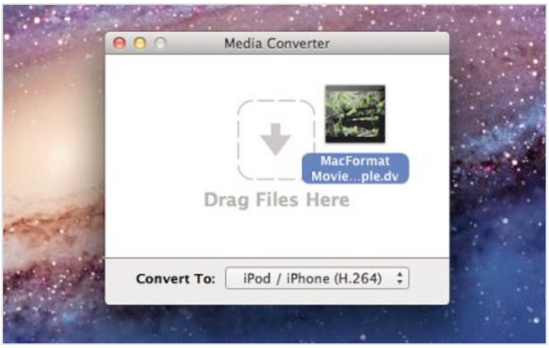
A free download from **http://bit.ly/pudvXL**, *Media Converter* is surprisingly powerful and versatile under the hood. Using a simple drag-and-drop interface, you can convert your media files into a variety of formats. It also comes with a list of presets. Standard settings exist for iPod/iPhone, DivX, DVD Video in PAL or NTSC formats, MP3 audio and WebM, an audio/video file format built for use on the web and compatible with HTML5 video.

Media Converter is based on *Burn*, Kiwi Fruitware's disc-burning utility. Its user community has created numerous custom presets that can be downloaded from **http://bit.ly/n2On73**, and you can even create your own.
Ian Osborne


Media Converter
Drag Files Here
Convert To:
✓ DivX
DVD-Video (NTSC)
DVD-Video (PAL)
iPod / iPhone (H.264)
MP3
WebM

01 Select output format

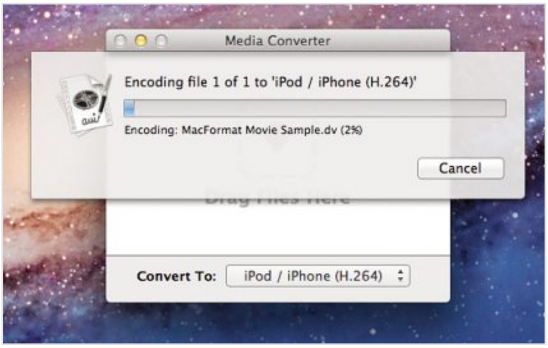
On opening the application for the first time, you're invited to update the presets to take account of its new subtitle support. Do so – it doesn't take long. You're now ready to convert your media. Using the pull-down menu labelled **Convert To**, select which format you wish to save it as. By default, DivX, DVD-Video (NTSC), DVD-Video (PAL), iPod/iPhone (H.264), MP3 and WebM are available.


Media Converter
MacFormat Movie...ple.dv
Drag Files Here

Convert To: iPod / iPhone (H.264)

02 Drag and drop

After selecting your output format, simply drag and drop the media file onto the **Media Converter** window; it's as simple as that. Conversion starts automatically, and by default, converted files are saved in your **Movies** folder. Here we're converting a sample video for playback on an iPod or iPhone, or streaming to an Apple TV.


Media Converter
Cancel
Drag Files Here

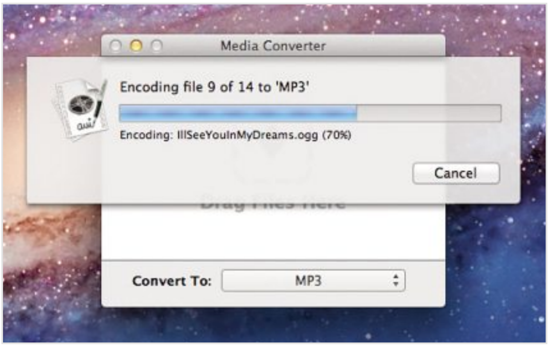
Encoding file 1 of 1 to 'iPod / iPhone (H.264)'

Encoding: MacFormat Movie Sample.dv (2%)

Convert To: iPod / iPhone (H.264)

03 Conversion in progress

While the conversion is being carried out, a progress bar shows how far the encoding has got, with a percentage displayed too. You can cancel the conversion if you wish. Completed conversions retain the original's filename, but with an extension that reflects the file format you've converted it to. In this case, it's M4V.


Media Converter
Cancel
Drag Files Here

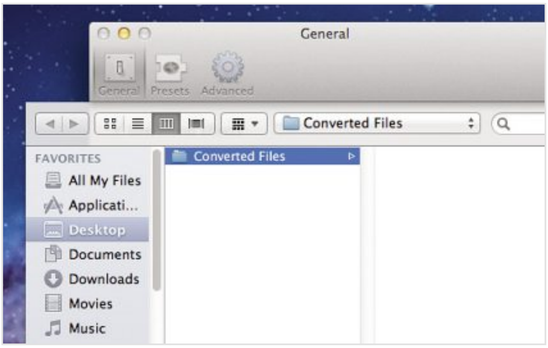
Encoding file 9 of 14 to 'MP3'

Encoding: IllSeeYouInMyDreams.ogg (70%)

Convert To: MP3

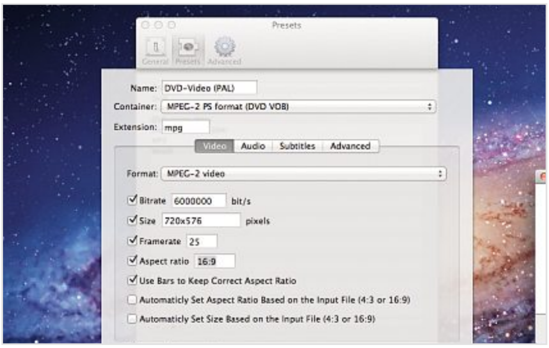
04 Batch conversions

You can drop a bundle of files or even entire folders into the *Media Converter* window, and re-encode them as a batch. Here we're converting a folder full of OGG files into MP3 files. Unlike the Ogg Vorbis audio format, MP3s can be played using *iTunes*, copied to iOS devices and streamed to an Apple TV using your wireless network.


General
General
Presets
Advanced
Converted Files
FAVORITES
All My Files
Applicati...
Desktop
Documents
Downloads
Movies
Music
Converted Files

05 Preferences

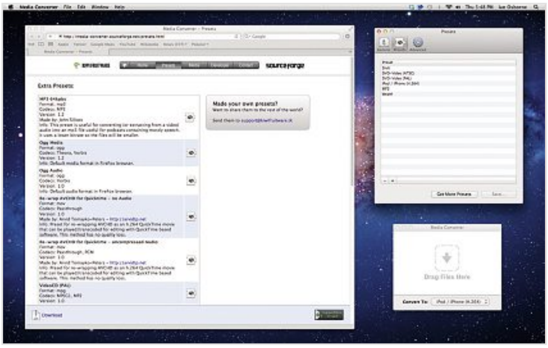
The app can be customised using its **Preferences** window (found under the **Media Converter** menu bar). You can set up a new target folder (**Movies** by default), or have it ask where to save. This is useful when batch-converting a folder, as the folder itself isn't retained; completed files are saved loose in the target folder.


Presets
General
Presets
Advanced
Video
Audio
Subtitles
Advanced

Name: DVD-Video (PAL)
Container: MPEG-2 PS format (DVD VOB)
Extension: mpg
Format: MPEG-2 video
☑ Bitrate 6000000 bit/s
☑ Size 720x576 pixels
☑ Framerate 25
☑ Aspect ratio 16:9
☑ Use Bars to Keep Correct Aspect Ratio
☐ Automaticly Set Aspect Ratio Based on the Input File (4:3 or 16:9)
☐ Automaticly Set Size Based on the Input File (4:3 or 16:9)

06 Changing presets

Under the **Presets** tab, you can reorder or customise your preset encoding settings. Modified presets can be saved, though doing so overrides the original. If you need both, just change the name of the custom preset before you save it, then download and reinstall the original preset using the method described in Step 7.


Media Converter
File
Edit
Window
Help
Extra Presets
Made your own presets?
Get More Presets
Drag Files Here

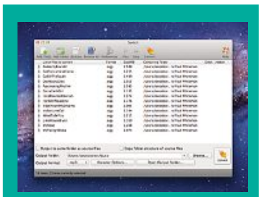
07 Adding presets

The **Get More Presets** button takes you to the Media Converter website, from where you can download the default presets and also custom-built settings created by other users. Click on a preset's icon to download it, then double-click on the downloaded file to install. You can even email your own custom presets to the developers. ●

»EXPERT TIP

Media converter

When you double-click a new preset, you're given the option of installing it for all users or for just the current user. In Lion, you might find installing for all users won't work; share the file with other accounts on your Mac instead. First, install the preset for the current user only. Then in *Finder*, click the **Go** menu in the menu bar and select **Home**. Drop the preset file you just installed into your **Public** folder. When another user logs into your Mac, they should launch *Media Converter*, and open its preferences. In the **Presets** tab, click the plus sign in the bottom-left corner, select **Open an Existing Preset File** and navigate to **Users/[name of original account]/Public**. Select the preset file, and press **Open**. Choose to install it for the current user.



»QUICK TIP

Switch Audio Converter is another useful free media conversion tool. It can re-encode almost any audio file into a variety of formats. Get it from **http://bit.ly/rnUYYB**.

Record your family history

Make a complete record of your ancestors with this powerful genealogy tool

>> KEY INFO

DIFFICULTY
Beginner

TIME NEEDED
15 minutes

WHAT YOU'LL NEED
Mac OS X 10.5+, MacFamilyTree

>> ON THE DISC
A demo of *MacFamilyTree* is on the disc.

The speed with which we lose touch with our own family history is amazing. Digging deep into the building blocks of what makes up your DNA can quickly become compulsive as you rediscover ancestors long forgotten and uncover the occasional exciting – scandalous even – titbit along the way.

The question is, what do you do with all the information, evidence, photos, audio recordings and video that you uncover? The answer lies with *MacFamilyTree*, a powerful tool that enables you to not just build your tree, but bring together all of the disparate resources you've compiled in a logical, practical way. Record the facts of an ancestor's life, then flesh out the raw details with all the extra information you uncover using *MacFamilyTree*'s notes tool.

Finally, import your media (including scanned documents), link them to the appropriate individuals, family members and even specific events, and you have a complete record of your family history. You can also share it using *MacFamilyTree*'s impressive selection of charting, reporting and exporting tools.

That's all to come. For now you want to get started, and version 6 of *MacFamilyTree* makes the process of building your tree easier than ever. Install the demo from the disc, then launch *MacFamilyTree* and click **New Family Tree** under Options.

You'll be directed to choose **Family Tree view** from the left – click this, followed by the **Add a new person** button to start the process of building your tree. Start by entering your own name and gender, then switch to the **Person Events** tab and click **Add**. By default, birth is selected, so enter birth date and place details and click **Done**.

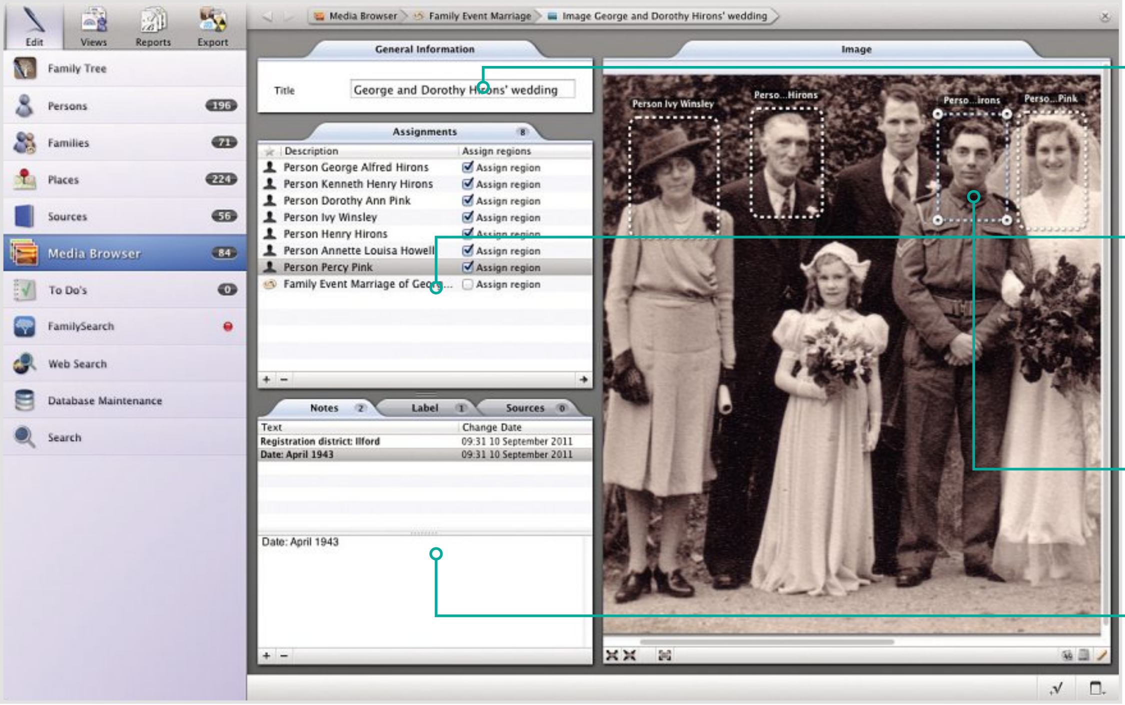
> *"Digging deep into the building blocks of what makes up your DNA can quickly become compulsive"*

Next, roll the mouse over your entry in the tree and select **Add Spouse** from the options that appear. Enter your spouse's basic details like your own and click **Done**. Now roll the mouse over the link between you and your spouse and you'll see a pencil icon appear: clicking this allows you to add details about your own family. Start by clicking **Add** to enter the details of your wedding if applicable.

With your tree taking root, follow the step-by-step guide to populate it with your family's full history.

Nick Peers

>> HOW TO / Put your family photos in context



Title: George and Dorothy Hirons' wedding

Assignments 8

Description	Assign regions
Person George Alfred Hirons	☑ Assign region
Person Kenneth Henry Hirons	☑ Assign region
Person Dorothy Ann Pink	☑ Assign region
Person Ivy Winsley	☑ Assign region
Person Henry Hirons	☑ Assign region
Person Annette Louisa Howell	☑ Assign region
Person Percy Pink	☑ Assign region
Family Event Marriage of Geo...	☐ Assign region

Notes 2 | Label 1 | Sources 0

Text	Change Date
Registration district: Ilford	09:31 10 September 2011
Date: April 1943	09:31 10 September 2011

Date: April 1943

Photo title

By default the photo's filename is its title – change it to something more identifiable.

Assignments

Photos can be linked to events, families and individuals from here.

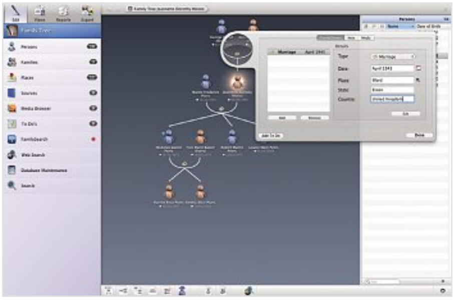
Thumbnails

Tick **Assign region** to create a thumbnail using the box.

Add notes

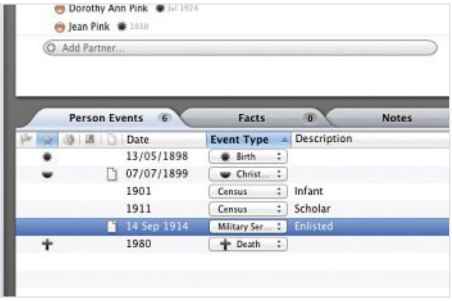
you can assign notes to the photo, such as a date or location.

HOW TO / Put flesh on the bones of your family history



01 Build your tree

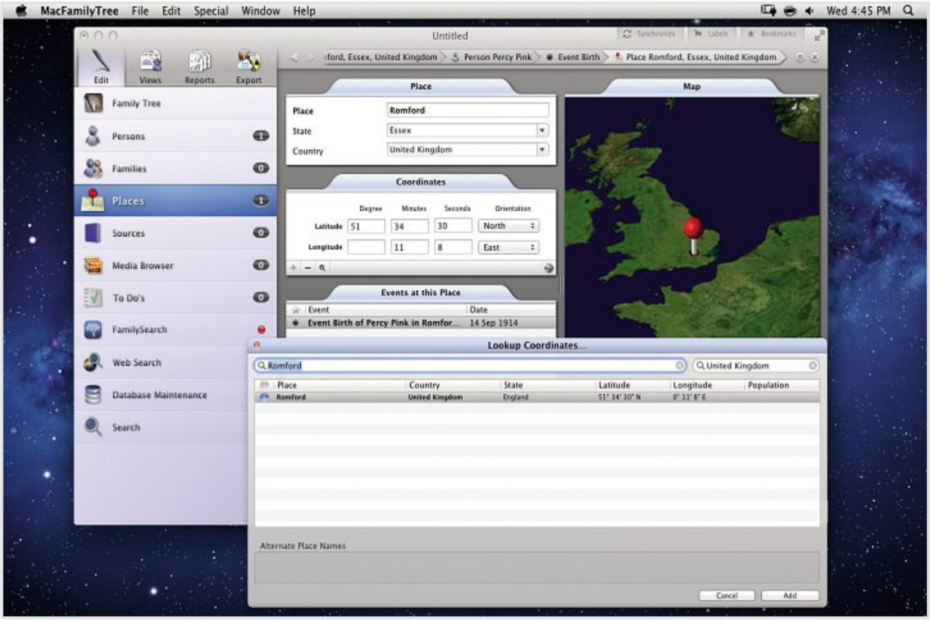
Put together the basic skeletal structure of your tree as outlined in the main text. The **Family Tree view** makes this easy – roll the mouse over a person and click the option to add their parents, spouses or children. Just enter the basic details for now.


Dorothy Ann Pink
Jean Pink
Add Partner...
Person Events 6
Facts 0
Notes

Date	Event Type	Description
13/05/1898	Birth	
07/07/1899	Christ...	
1901	Census	Infant
1911	Census	Scholar
14 Sep 1914	Military Ser...	Enlisted
1980	Death	

02 Flesh out details

Once your skeletal tree is in place, start incorporating all the information you've collated: either double-click a person's entry or select a family group from the **Families** tab. Use the **Events**, **Facts** and **Notes** tabs for this: click the + button under **Family Events** or **Person Events**.

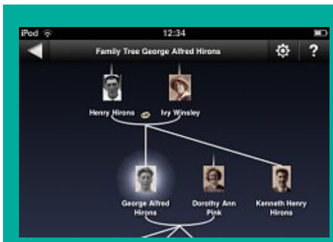

MacFamilyTree
File
Edit
Special
Window
Help
Wed 4:45 PM
Untitled
Edit
Views
Reports
Export
Family Tree
Persons
Families
Places
Sources
Media Browser
To Do's
FamilySearch
Web Search
Database Maintenance
Search
Place
Map
Coordinates
Events at this Place
Lookup Coordinates...
Alternate Place Names
Cancel
Add

Place: Romford
State: Essex
Country: United Kingdom

	Degree	Minutes	Seconds	Orientation
Latitude	51	34	30	North
Longitude		11	8	East

Event	Date
Event Birth of Percy Pink in Romfor...	14 Sep 1914

Place	Country	State	Latitude	Longitude	Population
Romford	United Kingdom	England	51° 34' 30" N	0° 11' 8" E	

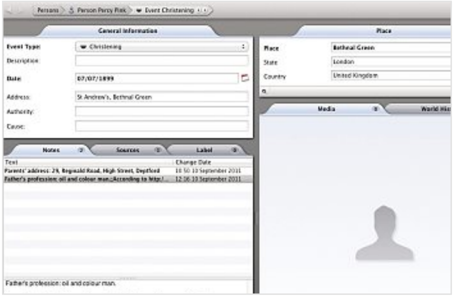

iPod
12:34
Family Tree George Alfred Hirons
Henry Hirons
Ivy Winsley
George Alfred Hirons
Dorothy Ann Pink
Kenneth Henry Hirons

QUICK TIP

Want to access your *MacFamilyTree* file via your iPhone or iPad? *MobileFamilyTree* (£2.99) enables you to view your file - including all content - via your iOS device. Invest in *MobileFamilyTree Pro* (£10.49) instead to edit your file on the go.

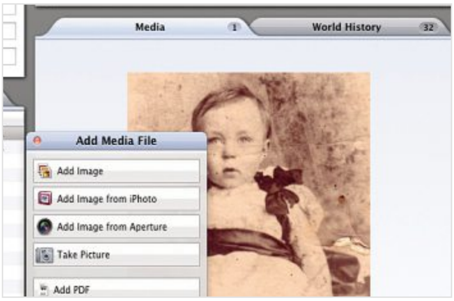
06 Present your genealogy

All that recorded research is of little use if you can't share it with others. Click the **Views** button at the top of the program window to browse your tree in 3D (click **Virtual Tree**) or generate a chart you can print, save or export as an image file or PDF using the buttons at the bottom of the window. Click the **Reports** button to generate a narrative report for a range of subjects, including individuals, family groups, places, events (a chronological history of your entire tree) and more. Again, use the buttons at the bottom to print or export the finished report. Finally, click the **Export** button to convert your tree into a website that can be shared via the web, MobileMe or CD/DVD. ●


General Information
Event Type
Christening
Date
07/07/1899
Address
St Andrew's, Bethnal Green
Place
Bethnal Green
London
United Kingdom
Notes
Sources
Label
Media
World His

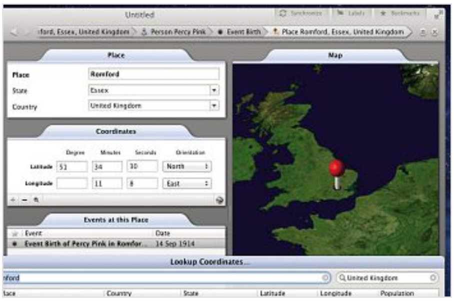
03 Record minute detail

Use the drop-down menu to select an event type, then double-click the event to record information. Use the **Address** field to record a street address; enter the village, town or city into the **Place** field under the **Place** tab. Use the **Notes** tab to record extra information.


Media
World History 32
Add Media File
Add Image
Add Image from iPhoto
Add Image from Aperture
Take Picture
Add PDF

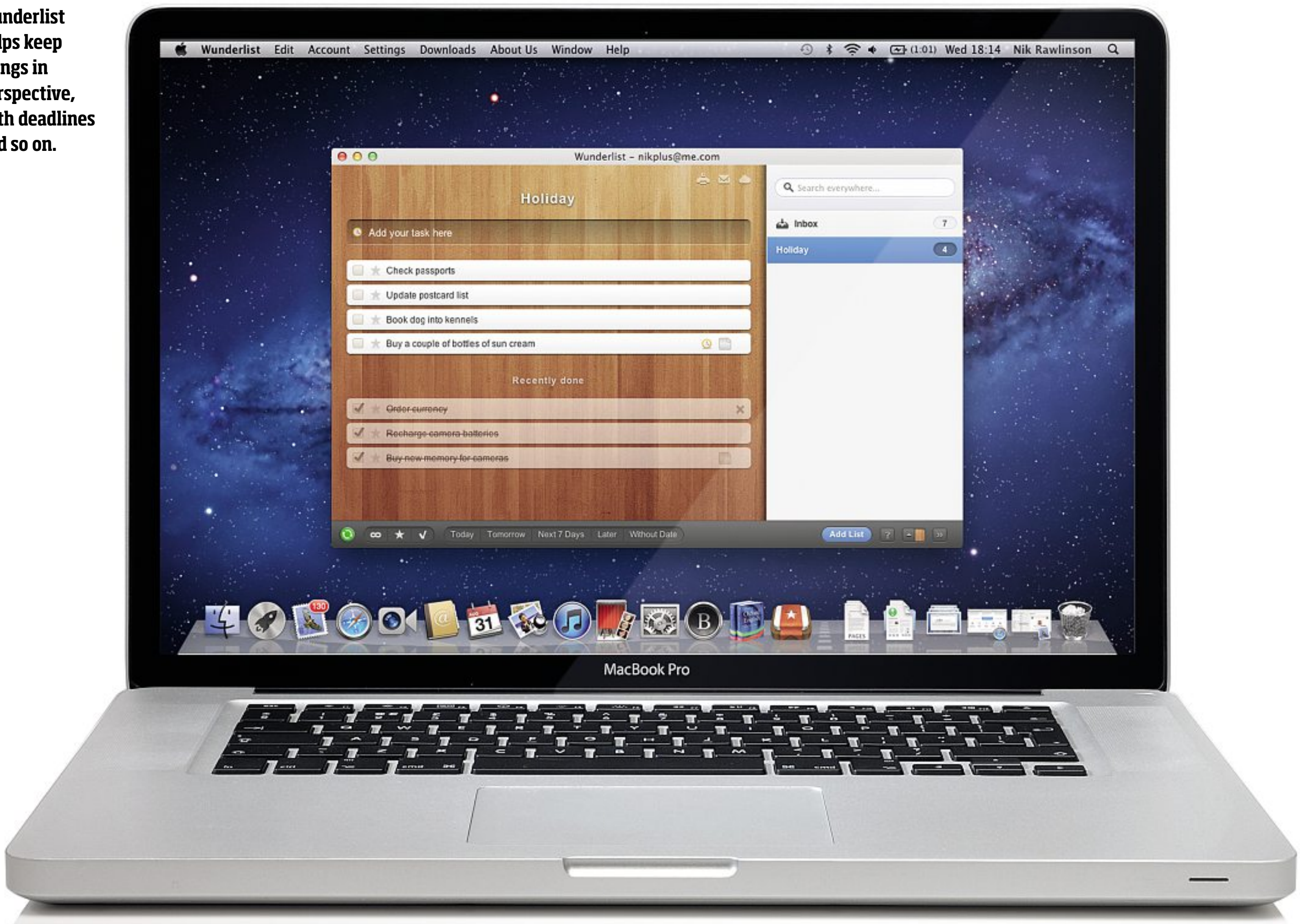
04 Add multimedia

Add photos, video, audio and PDF files to family groups, individual people or specific events: just click the + button next to the **Media** tab to import files. Once done, double-click the file to assign it to additional events, people or families following the annotation opposite.


Place
Map
Romford
Essex
United Kingdom
Coordinates
Events at this Place
Lookup Coordinates...

05 View a map

The **Places** tab on the left allows you to allocate longitude and latitude co-ordinates to each place recorded in your research. Select a place name by double-clicking it, then click the magnifying glass under **Co-ordinates** to find a matching entry from the list or to add one.


Wunderlist
Edit
Account
Settings
Downloads
About Us
Window
Help
Wed 18:14
Nik Rawlinson
Wunderlist – nikplus@me.com
Holiday
Add your task here
Recently done
Search everywhere...
Inbox
7
Holiday
4
Today
Tomorrow
Next 7 Days
Later
Without Date
Add List
MacBook Pro

☐ Check passports
☐ Update postcard list
☐ Book dog into kennels
☐ Buy a couple of bottles of sun cream

☑ ~~Order currency~~
☑ ~~Recharge camera batteries~~
☑ ~~Buy new memory for cameras~~

Wunderlist helps keep things in perspective, with deadlines and so on.

Manage your working week

Tame your task list with Wunderlist, a free cross-platform organiser

>> KEY INFO

DIFFICULTY
Beginner

TIME NEEDED
30 minutes

WHAT YOU'LL NEED
Wunderlist

>> ON THE DISC

Find a copy of *Wunderlist* on the disc.

We lead such hectic lives that it's all too easy to forget an important job until it's too late. Whether it's picking up the kids' new school uniforms, booking the dog into kennels or checking your car insurance, almost every job has a due date and a priority. Each of these little tasks contributes to a much bigger chore: keeping them all in order.

The Mac is well endowed when it comes to task managers, with *Things* and *The Hit List* having dominated the platform. But newcomer *Wunderlist* looks set to make serious inroads thanks to three top features.

First, *Wunderlist* works across all popular platforms. We'll be using the Mac app here, but there are matching releases for Windows-based PCs, the iPhone, iPad and Android devices. So, if you learn how to use it on one platform you'll know what to do wherever else you encounter it.

Second, by passing your data across the developer's servers, each client can update all of the others as long as they're all logged in to the same account. So, if you remember a job while waiting for the train you can quickly tap it into your iPhone, safe in the knowledge that by the time you get home or to work it'll be waiting on your Mac.

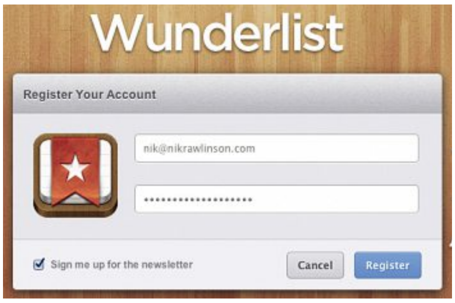
> *"Newcomer app Wunderlist looks set to make serious inroads thanks to three top features"*

Third, and best of all, each of these handy apps is free – and so is the app-to-app synchronisation. Rival taskmaster *Things* also synchronises your desktop and iPhone or iPad versions for free, but only over your local network, while *The Hit List* extends this to over-the-internet syncing with its iPhone app, but as a premium service charged on a monthly or annual basis.

Here we'll show you how to sign up for a free *Wunderlist* account and use the desktop app to create a list of tasks, setting a deadline where appropriate and prioritising jobs.

Nik Rawlinson

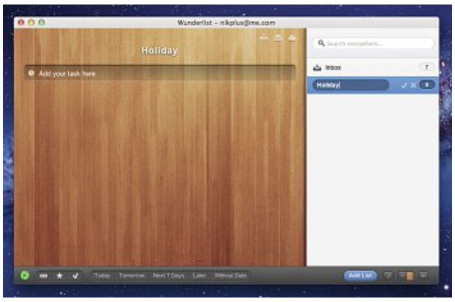
HOW TO / Set up and use Wunderlist


Wunderlist
Register Your Account
Sign me up for the newsletter
Cancel
Register

nik@nikrawlinson.com

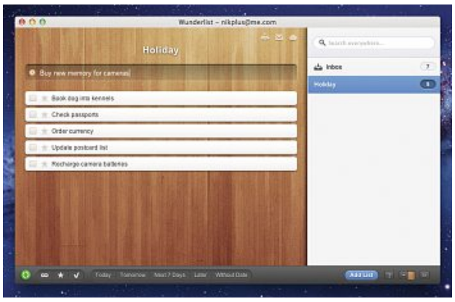
01 Download and register

Wunderlist is a free download from the Mac App Store (or from **http://6wunderkinder.com/wunderlist**). Click **Register** and enter an email address and password of choice. You use these same credentials to log in to the client or the online edition at **http://wunderlist.com**.


Wunderlist – nikplus@me.com
Holiday
Add your task here
Inbox
Holiday
Today
Tomorrow
Next 7 Days
Later
Without Date
Add List

02 Create a list

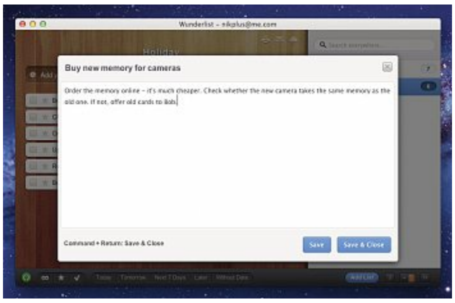
Wunderlist sets up a catch-all list for all of your jobs (called **Inbox**). Create a new one by clicking the **Add list** button at the foot of the sidebar and give it an appropriate name – ours is 'Holiday'. The number to the right indicates how many incomplete tasks it contains.


Wunderlist – nikplus@me.com
Holiday
Inbox
Holiday
Today
Tomorrow
Next 7 Days
Later
Without Date
Add List

Buy new memory for cameras
- Book dog into kennels
- Check passports
- Order currency
- Update postcard list
- Recharge camera batteries

03 Add your first tasks

Click the input box in the app's main body and type a headline for your task. Hit ⏎ to add it to the list and then type your next one. You don't need to enter too many details here as we'll go on to add short notes later, so just brain-dump every task you can think of.


Wunderlist – nikplus@me.com
Holiday
Save
Save & Close

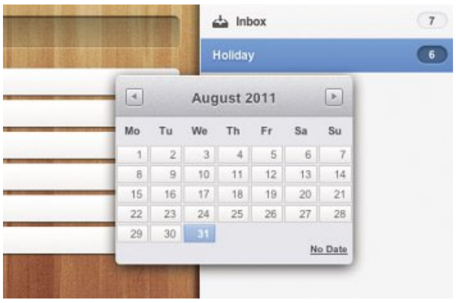
Buy new memory for cameras

Order the memory online – it's much cheaper. Check whether the new camera takes the same memory as the old one. If not, offer old cards to Bob.

Command + Return: Save & Close

04 Explain yourself

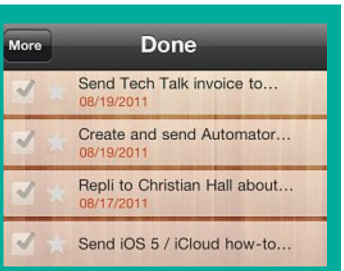
Hover your mouse above a task and three icons will pop up at the end of its bar. Click the notepad icon to add further notes for tasks that need them. Click **Save and Close** to add the notes to the task's record and its entry in the list of jobs will be stamped by the note icon.


Inbox
7
Holiday
6
August 2011
Mo
Tu
We
Th
Fr
Sa
Su
No Date

Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

05 Set some deadlines

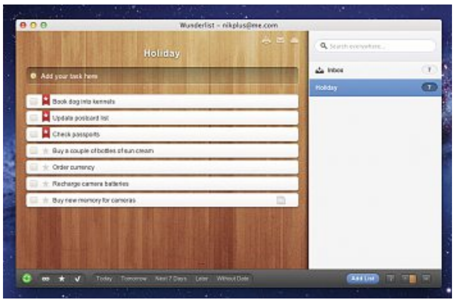
Hover over another task and click the clock icon to choose a deadline date. *Wunderlist* will email you on that morning to remind you what needs doing. You can also set deadlines at the point when you create your tasks by clicking the clock to the left of the input box.



- Send Tech Talk invoice to… 08/19/2011
- Create and send Automator… 08/19/2011
- Repli to Christian Hall about… 08/17/2011
- Send iOS 5 / iCloud how-to…

QUICK TIP

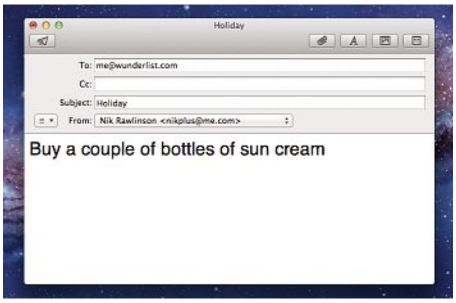
Download the iPhone or iPad apps and log in with your *Wunderlist* credentials to sync tasks across devices. If they don't seem to be updating, check that you have Wi-Fi or 3G coverage and use the toolbar's synchronise button to force a check.


Wunderlist – nikplus@me.com
Holiday
Add your task here
Inbox
Holiday
Today
Tomorrow
Next 7 Days
Later
Without Date
Add List

- Book dog into kennels
- Update postcard list
- Check passports
- Buy a couple of bottles of sun cream
- Order currency
- Recharge camera batteries
- Buy new memory for cameras

06 Prioritise important jobs

Click the star on the left of each task to mark it as important. It'll gain a red flag and move to the top of the list. To promote an already flagged task back to the top of the list after another one has pushed it lower, unflag and re-flag it to shoot it back into the first slot.

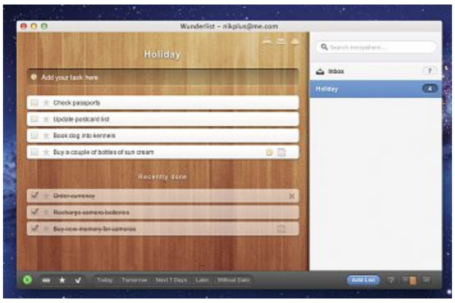


To: me@wunderlist.com
Cc:
Subject: Holiday
From: Nik Rawlinson <nikplus@me.com>

Buy a couple of bottles of sun cream

07 Add a task by email

Send an email from the address you registered your account with to **me@wunderlist.com**. Put the list to which you'd like to add your task in the subject line and the title of the task in the email. Add several tasks to the list by including them on separate lines within the email.

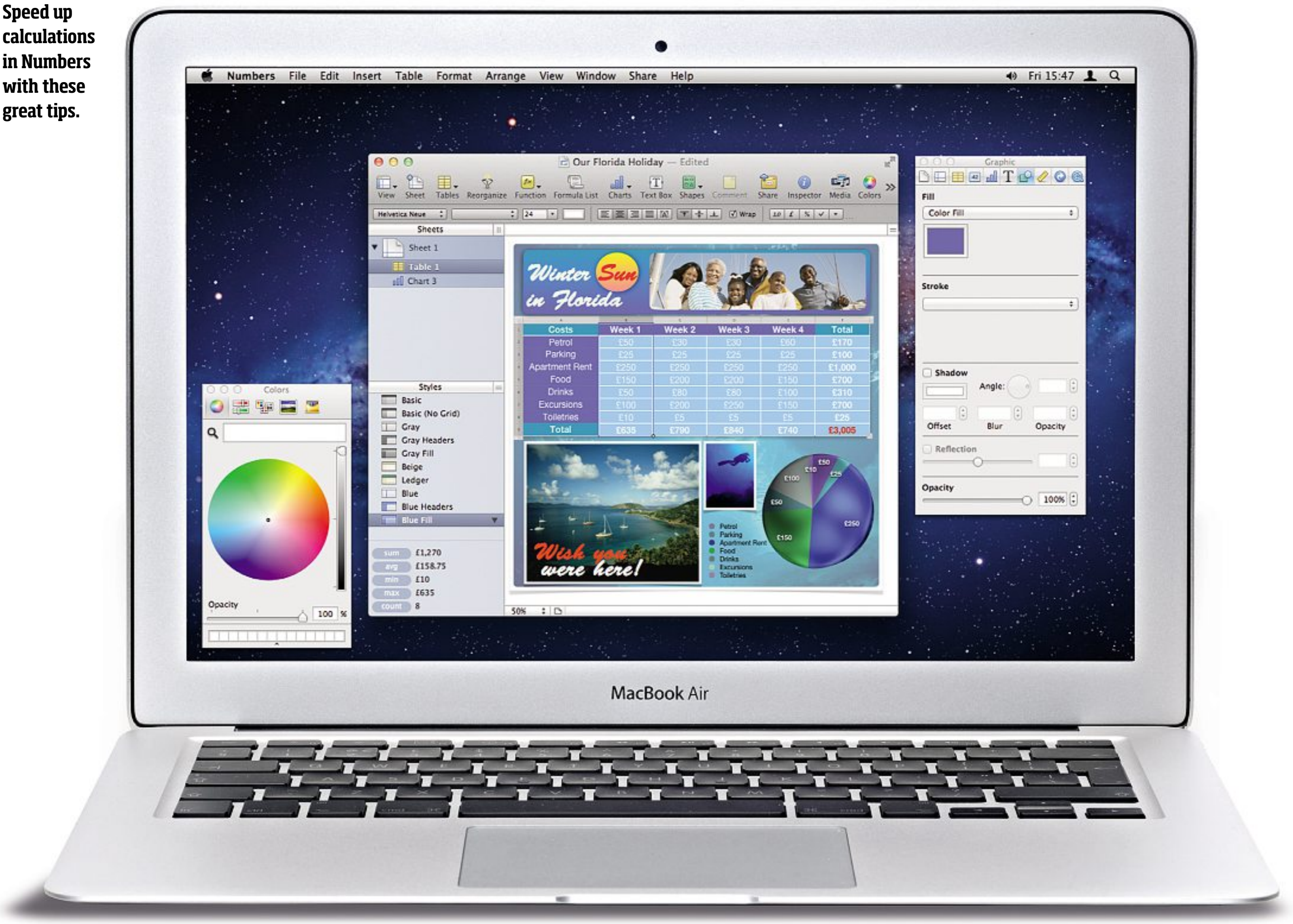

Wunderlist – nikplus@me.com
Holiday
Add your task here
Inbox
Holiday
Recently done
Today
Tomorrow
Next 7 Days
Later
Without Date
Add List

- Check passports
- Update postcard list
- Book dog into kennels
- Buy a couple of bottles of sun cream
- ~~Order currency~~
- ~~Recharge camera batteries~~
- ~~Buy new memory for cameras~~

08 Tick off a task

Once you've completed a task, click the box to the left of it to mark it as finished and it'll move down into a list of recently done jobs. These will be retired over time, but you can refer back to them by clicking the tick on the toolbar footer. ●

Speed up calculations in Numbers with these great tips.


Numbers File Edit Insert Table Format Arrange View Window Share Help
Fri 15:47
Our Florida Holiday — Edited
View Sheet Tables Reorganize Function Formula List Charts Text Box Shapes Comment Share Inspector Media Colors
Sheets
Sheet 1
Table 1
Chart 3
Styles
Basic
Basic (No Grid)
Gray
Gray Headers
Gray Fill
Beige
Ledger
Blue
Blue Headers
Blue Fill
Winter Sun in Florida
Wish you were here!
Colors
Opacity
100 %
Graphic
Fill
Color Fill
Stroke
Shadow
Angle:
Offset
Blur
Opacity
Reflection
Opacity
100%
MacBook Air

Costs	Week 1	Week 2	Week 3	Week 4	Total
Petrol	£50	£30	£30	£60	£170
Parking	£25	£25	£25	£25	£100
Apartment Rent	£250	£250	£250	£250	£1,000
Food	£150	£200	£200	£150	£700
Drinks	£50	£80	£80	£100	£310
Excursions	£100	£200	£250	£150	£700
Toiletries	£10	£5	£5	£5	£25
Total	£635	£790	£840	£740	£3,005

sum £1,270
avg £158.75
min £10
max £635
count 8

Do your sums in Numbers

Use Numbers' Function menu to complete spreadsheets quickly

>> KEY INFO

DIFFICULTY
Beginner

TIME NEEDED
30 minutes

WHAT YOU'LL NEED
iWork '09 or later

Numbers adds a lot of fun to spreadsheet creation, but there are times when even colourful designs and a slick interface can't distract from the drudgery of data entry. When you have multiple rows and columns of figures in front of you, you can't help but become drowsy (unless you happen to be an accountant) as you slowly tap in data. This is also where mistakes can be made.

Some of that pain can be removed by *Numbers*, however. You should certainly make use of its quick calculations to keep the typing of digits and requirement for mental arithmetic to a minimum. The fastest way to apply calculations without fiddling with complex formulas or counting on your fingers is to access the **Function** menu from the top of the interface. This hidden gem houses common calculations and applies them to selected cells in a flash, saving you time and leaving you free to work on making your spreadsheet look good.

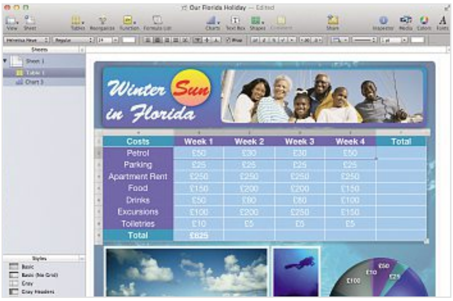
In this tutorial we'll be using the example of a holiday budget and will use these quick calculations to work out the total spending for the trip. Of course, these calculations can apply to any kind of spreadsheet you might be working on, so feel free to load up any document you may have created in *Numbers* or start from scratch with a brand new set of figures. In addition to the **Function** menu, we'll also show you how to quickly view a calculation without having to move away from the main interface. We'll even show you how to quickly apply that calculation to any cell.

Once you've mastered these tricks you'll find yourself working much faster in *Numbers* and with far fewer errors. So, launch *Numbers* and load an existing spreadsheet or create a new one, and we'll show you how to perform quicker calculations.

> *"Sometimes colourful designs and a slick interface can't distract from the drudgery of data entry"*

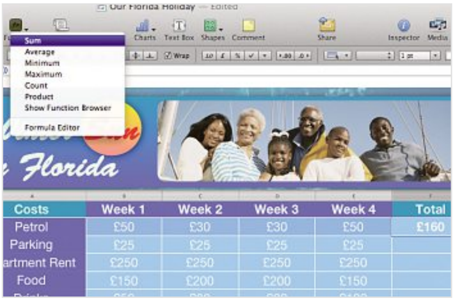
Ben Harvell

»HOW TO / Quickly calculate the sum of a row or column



01 Choose your cells

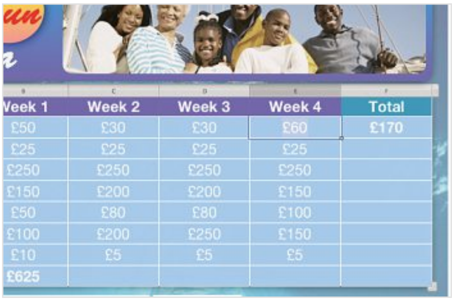
Here's a little spreadsheet we made earlier that's designed to calculate the cost of a four-week holiday. The costs of various items have been added for each week, but the totals are yet to be calculated. Start by selecting a column or row of cells as we have done here.



Costs	Week 1	Week 2	Week 3	Week 4	Total
Petrol	£50	£30	£30	£50	£160
Parking	£25	£25	£25	£25	
artment Rent	£250	£250	£250	£250	
Food	£150	£200	£200	£150	

02 Quick function

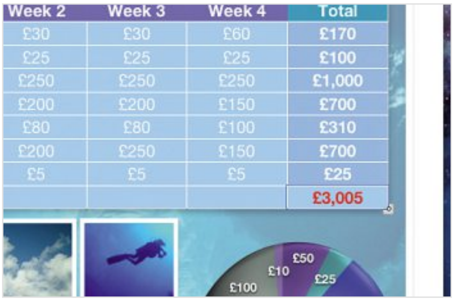
With the cells you want added together selected, go to the **Function** menu and choose **Sum** from the drop-down menu. The total for the selected cells is added to your spreadsheet. *Numbers* will look for the nearest empty cell to apply the calculation to or add one for you.



Week 1	Week 2	Week 3	Week 4	Total
£50	£30	£30	£60	£170
£25	£25	£25	£25	
£250	£250	£250	£250	
£150	£200	£200	£150	
£50	£80	£80	£100	
£100	£200	£250	£150	
£10	£5	£5	£5	
£625				

03 Any changes?

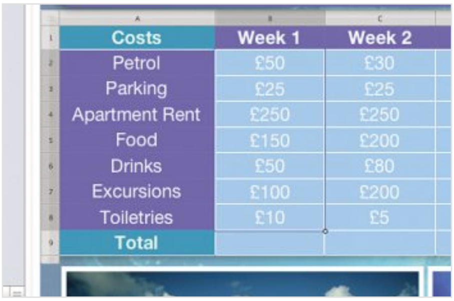
Now your calculation is in place, changes made to any of the cells it is calculating the sum of will cause the total to change. You can test this out by selecting any of the cells in your calculation and changing the value. When you do, the total will also update.



Week 2	Week 3	Week 4	Total
£30	£30	£60	£170
£25	£25	£25	£100
£250	£250	£250	£1,000
£200	£200	£150	£700
£80	£80	£100	£310
£200	£250	£150	£700
£5	£5	£5	£25
			£3,005

04 More of the same

Apply the same calculation to all of your cells as we have done for the remaining items here. A total will now be included for each row or column of cells you have selected. Now, you can also calculate a total from the results of your calculations using the same technique.



Costs	Week 1	Week 2
Petrol	£50	£30
Parking	£25	£25
Apartment Rent	£250	£250
Food	£150	£200
Drinks	£50	£80
Excursions	£100	£200
Toiletries	£10	£5
Total		

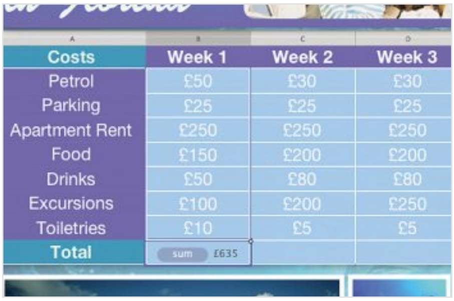
05 Quick reference

Select more than one cell and you can view the sum, average, minimum and maximum calculations as well as the number of cells selected by looking at the bottom-left screen display. Cells can be selected in a row or out of sequence by clicking each with the ⌘ key.

Winter Sun in Florida
Wish you were here!

»QUICK TIP

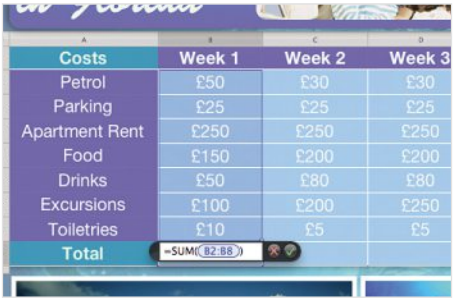
Clicking a cell isn't the only way to select it. To select an entire row or column in your spreadsheet you can click its corresponding letter or number. For example, clicking B in your spreadsheet will select every available cell in the B column.



Costs	Week 1	Week 2	Week 3
Petrol	£50	£30	£30
Parking	£25	£25	£25
Apartment Rent	£250	£250	£250
Food	£150	£200	£200
Drinks	£50	£80	£80
Excursions	£100	£200	£250
Toiletries	£10	£5	£5
Total	sum £635		

06 Reference to calculation

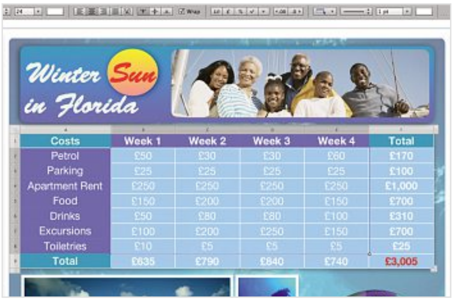
When quick calculations for selected cells are shown at the bottom-left of the interface they can also be quickly applied to your spreadsheet using drag and drop. Simply select the cells you want to create a calculation for and drag the calculation to an empty cell.



Costs	Week 1	Week 2	Week 3
Petrol	£50	£30	£30
Parking	£25	£25	£25
Apartment Rent	£250	£250	£250
Food	£150	£200	£200
Drinks	£50	£80	£80
Excursions	£100	£200	£250
Toiletries	£10	£5	£5
Total	=SUM(B2:B8)		

07 Formula fixes

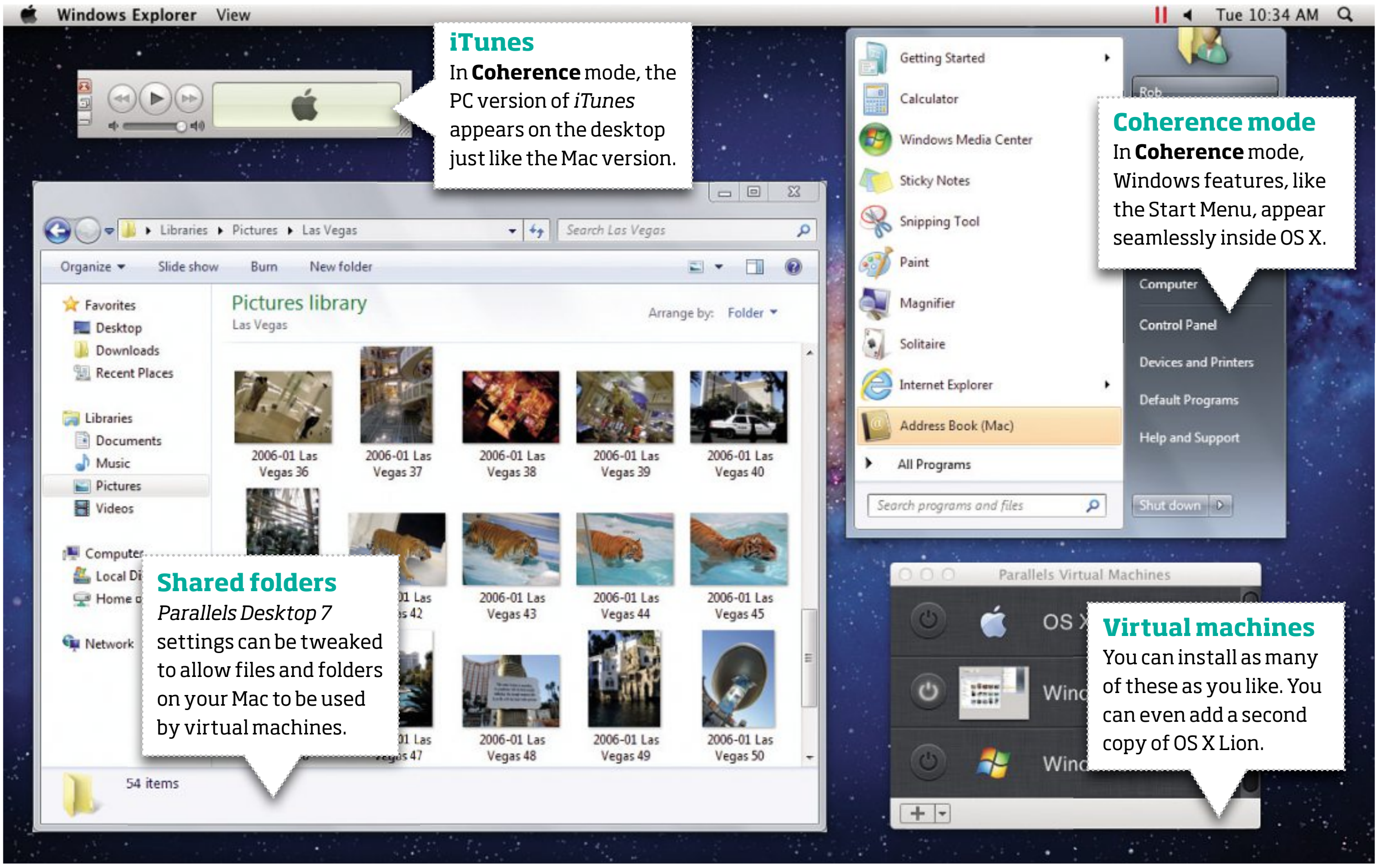
When you have applied a quick formula to your spreadsheet, you can make changes to it by clicking on the cell that includes the calculation. The formula will be displayed and can be edited to add or remove cells, or apply a completely new calculation if required.



Costs	Week 1	Week 2	Week 3	Week 4	Total
Petrol	£50	£30	£30	£60	£170
Parking	£25	£25	£25	£25	£100
Apartment Rent	£250	£250	£250	£250	£1,000
Food	£150	£200	£200	£150	£700
Drinks	£50	£80	£80	£100	£310
Excursions	£100	£200	£250	£150	£700
Toiletries	£10	£5	£5	£5	£25
Total	£635	£790	£840	£740	£3,005

08 The quickest calculation

To quickly apply a formula to a large number of cells, select the first cell, hold ⇧ and click on the cell diagonally opposite it at the end of the series of cells. This will select all cells in between and will allow you to apply a calculation to the entire group. ●


Windows Explorer
View
Tue 10:34 AM
Libraries
Pictures
Las Vegas
Search Las Vegas
Organize
Slide show
Burn
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Computer
Network
Pictures library
Las Vegas
Arrange by: Folder
54 items
Getting Started
Calculator
Windows Media Center
Sticky Notes
Snipping Tool
Paint
Magnifier
Solitaire
Internet Explorer
Address Book (Mac)
All Programs
Search programs and files
Rob
Computer
Control Panel
Devices and Printers
Default Programs
Help and Support
Shut down
Parallels Virtual Machines

iTunes
In **Coherence** mode, the PC version of *iTunes* appears on the desktop just like the Mac version.

Coherence mode
In **Coherence** mode, Windows features, like the Start Menu, appear seamlessly inside OS X.

Shared folders
Parallels Desktop 7 settings can be tweaked to allow files and folders on your Mac to be used by virtual machines.

Virtual machines
You can install as many of these as you like. You can even add a second copy of OS X Lion.

Get started with Parallels 7

The best way to run Windows, Linux and other operating systems on your Mac

>> KEY INFO

DIFFICULTY
Beginner

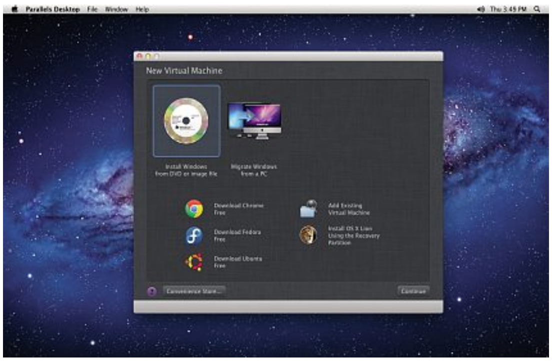
TIME NEEDED
60 minutes

WHAT YOU'LL NEED
OS X Lion, Parallels 7 plus Microsoft Windows 7 or any other compatible guest OS

One of the great things about owning an Intel-powered Mac is that Apple has made it surprisingly easy to run all kinds of guest operating systems alongside Mac OS X. That's good news if you're a recent switcher who still needs to run old Windows applications occasionally, as you'll no longer need to use your old PC. It's good news too if you have to deal with the Windows world either because of work, or just because you want to play the latest games.

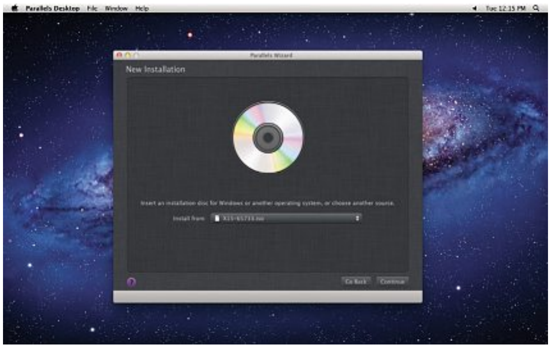
You can achieve all these things relatively easily using Boot Camp, which enables you to run Windows 7, for example, on a separate partition. But it's a bit of a pain having to reboot between the two operating systems all the time. By far the best way to switch from one operating system to another is to use a 'virtual machine' where multiple operating systems run alongside each other without forcing you to reboot. *Parallels Desktop 7* (£65 from www.parallels.com) enables you to do exactly that. To find out how it's done, read on as we explain how to install Windows 7 in a virtual machine.

Rob Mead-Green


New Virtual Machine
Continue

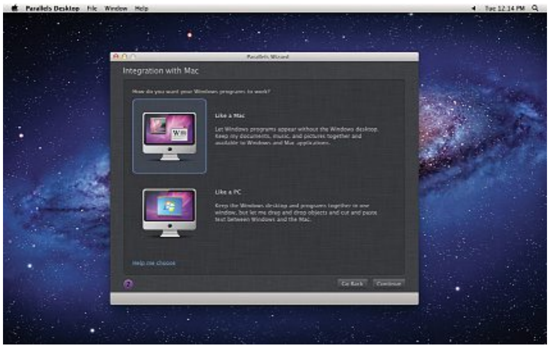
01 Choose your virtual machine

When you open *Parallels Desktop 7* for the first time you're greeted with the Parallels Wizard, which spells out your options, including the ability to migrate all your files and settings from a PC – handy if you're new to the Mac. After that, you can bring this menu up at any time by selecting Parallels Desktop > File > New. From here we'll install Windows 7, but you can use any OS you like.


New Installation
Parallels Wizard
Go Back
Continue

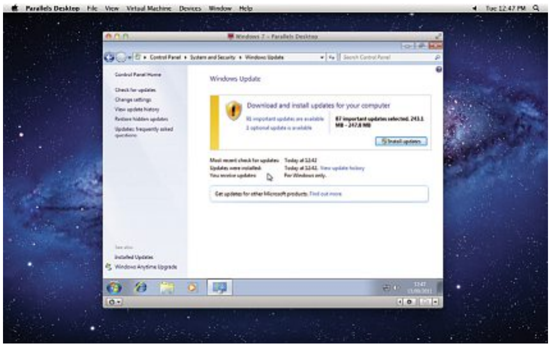
02 Install Windows

Unlike Apple's Boot Camp, *Parallels Desktop 7* doesn't need a separate partition for Windows on your Mac. It creates a 'virtual machine' application for each guest OS on your Mac's OS instead. To install Windows choose the installer location: optical drive, flash drive or ISO file. Remember to back up your Mac first just in case.


Integration with Mac
Like a Mac
Like a PC
Go Back
Continue

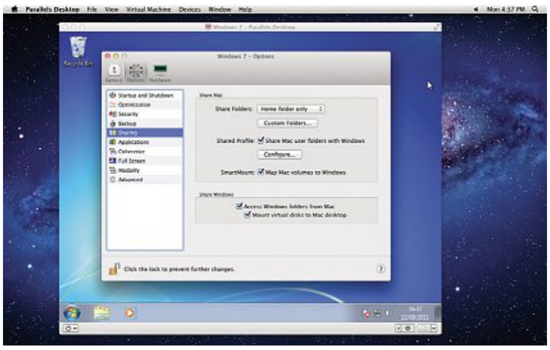
03 Mac integration

After you've entered your Windows product key, *Parallels Desktop 7* will ask you if you want Windows applications to work **Like A Mac**, with your files and folders shared between the two operating systems; or whether you want Windows to work **Like A PC**, with the OS and its applications running inside its own window.


Windows Update

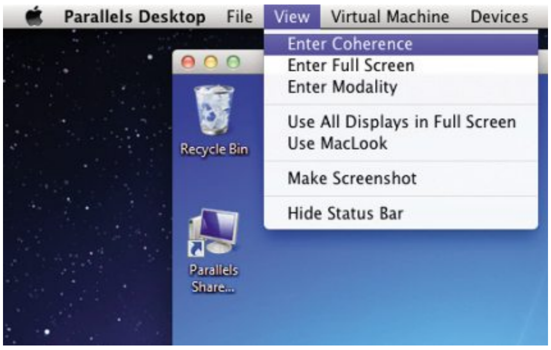
04 Fetch Windows updates

Once Windows has successfully installed, you'll need to update it to ensure that it's stable and secure. In Windows 7, select Start Menu > Control Panel > System And Security > Windows Update > Check For Updates. Now you're in for a long wait while Windows downloads and installs all its service packs and patches. Yawn.


Windows 7 – Options

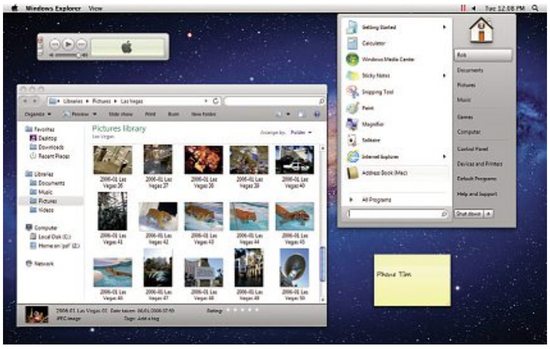
05 Set your sharing options

Once everything is up to date, you can finally start using Windows on your Mac. To make sharing files and folders between the two as easy as possible, go to Parallels Desktop > Virtual Machine > Configure > Options > Sharing. You can give Windows access to your **Home** folder, all disks, custom folders or nothing.


Parallels Desktop
File
View
Virtual Machine
Devices
Enter Coherence
Enter Full Screen
Enter Modality
Use All Displays in Full Screen
Use MacLook
Make Screenshot
Hide Status Bar
Recycle Bin
Parallels Share...

06 Change your view

Parallels Desktop 7 gives you four different options for viewing your virtual machines: **Windows** mode; **Full Screen** mode; **Modality** mode, which displays a transparent window for monitoring purposes; and **Coherence** mode, which enables Windows applications, windows and menus to appear seamlessly inside OS X.


Pictures library

07 Make Windows more Mac-like

If Windows' look-and-feel is too garish for your tastes you can change it using **MacLook**. It replaces certain colours and navigation elements with their OS X equivalent for a more unified experience. To enable or disable **MacLook**, go to Parallels Desktop > View > Use MacLook to toggle its settings on and off. ●

>> EXPERT TIP

Controlling a guest OS

Every virtual machine on your Mac includes a **Configure** menu (Parallels Desktop > Virtual Machine > Configure) that enables you to tweak its hardware and software settings. This gives you the option to allocate more RAM or processor power, for example, or to allow Windows to handle email and web-surfing duties rather than OS X.

To give you extra piece of mind the **Configure** menu even includes the option to back up your virtual machines using *Time Machine* or to isolate a virtual machine from your Mac – handy if you're worried about the security implications of running multiple OSes alongside each other.

Use Parallels' Configure menu to customise each of your virtual machines.

>> QUICK TIP

Parallels Desktop 7 lets you run another version of Lion inside your existing OS X Lion install. This is ideal for developers who want to bug-test their Mac applications.

Make the most of Lion's Finder

Discover how the improvements will help you work smarter and faster

>> KEY INFO

DIFFICULTY
Beginner

TIME NEEDED
15 minutes

WHAT YOU'LL NEED
OS X Lion

As well as the grey makeover to its colour scheme, OS X Lion's *Finder* (the app you use to manage your files and folders) has seen other, more positive changes to the way it works. They're all designed to make it easier for you to use your Mac, but not all are immediately obvious. That's why we've put together this guide to the new features in *Finder* and why you'll find them useful.

Finder is always running on your Mac – its smiley face icon resides at the left-hand end of your Dock. Clicking this icon brings any *Finder* windows you've got open to the front or, if you don't have any open, will open a new window. You can decide which window this is: we'll show you how under **All My Files** on the next page.

To alter the way *Finder*, your windows, folders and icons look, there are a couple of places you need to know about. The first is the **Preferences** entry in the *Finder* menu (⌘+;), the second is View > Show View Options (⌘+J) and the third is the **General** pane in your *System Preferences*, which you access via the menu.

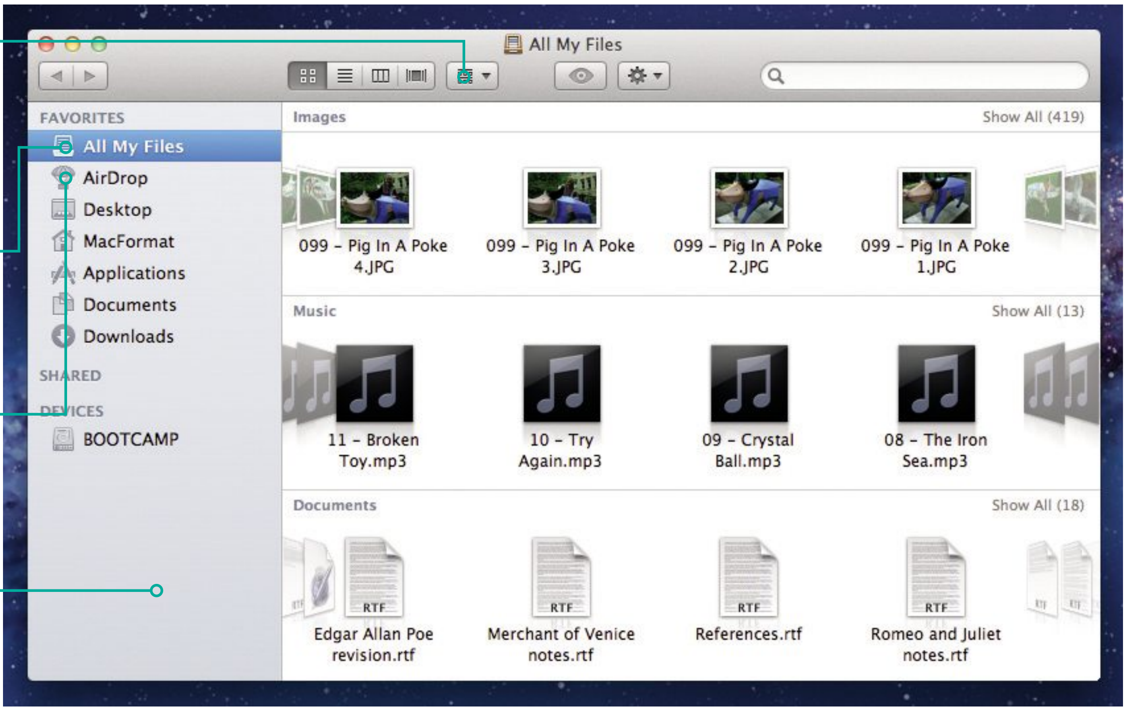
Also remember that the toolbar, which appears across the top of your *Finder* windows, can be customised. Right-click it and select **Customize Toolbar…**, which enables you to drag new buttons on. They're all the same as they were under Snow Leopard, bar the addition of a **Label** menu, which lets you mark a file or folder in a certain colour.

"As well as the grey makeover to its colour scheme, Lion's Finder has seen other, more positive changes…"

One of *Finder*'s headline new features is **AirDrop**, which is designed to make sharing files between nearby Macs as simple as dragging and dropping. It does this, but with a number of caveats. Firstly, it only works on reasonably new Macs (for a list, see **http://bit.ly/airdrop**). Second, the **AirDrop** window needs to be open on both Macs: you bring it up via the *Finder* sidebar (see below) or by pressing ⌘+⇧+R. Nearby Macs with their **AirDrop** window open will appear here, and you send files by dragging them onto the appropriate icon. When someone sends you a file, you're asked if you want to accept it; if you do, it's saved to the **Downloads** folder (which you get at via the **Go** menu, or by pressing ⌘+⌥+L).

Laurence Cable

>> QUICK LOOK / A typical Finder window


All My Files
FAVORITES
All My Files
AirDrop
Desktop
MacFormat
Applications
Documents
Downloads
SHARED
DEVICES
BOOTCAMP
Images
Show All (419)
099 – Pig In A Poke 4.JPG
099 – Pig In A Poke 3.JPG
099 – Pig In A Poke 2.JPG
099 – Pig In A Poke 1.JPG
Music
Show All (13)
11 – Broken Toy.mp3
10 – Try Again.mp3
09 – Crystal Ball.mp3
08 – The Iron Sea.mp3
Documents
Show All (18)
Edgar Allan Poe revision.rtf
Merchant of Venice notes.rtf
References.rtf
Romeo and Juliet notes.rtf

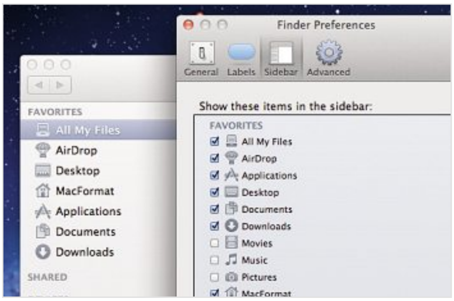
Item Arrangement
Organise a folder in different ways, such as **Sort by Kind** (shown).

All My Files
This gives you fast access to all the files in your **Home** folder.

AirDrop
Its window must be open for others to see your Mac over Wi-Fi.

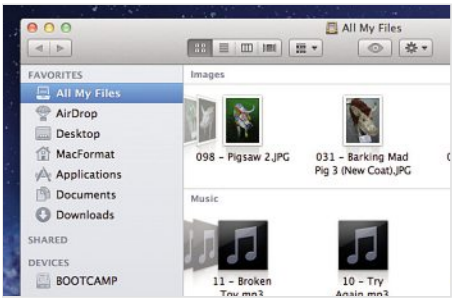
New sidebar
Rearrange items by dragging, or right-click > Remove from Sidebar.

HOW TO / Know your way around Finder


Finder Preferences
General
Labels
Sidebar
Advanced
Show these items in the sidebar:
FAVORITES
☑ All My Files
☑ AirDrop
☑ Applications
☑ Desktop
☑ Documents
☑ Downloads
☐ Movies
☐ Music
☐ Pictures
☑ MacFormat
FAVORITES
All My Files
AirDrop
Desktop
MacFormat
Applications
Documents
Downloads
SHARED

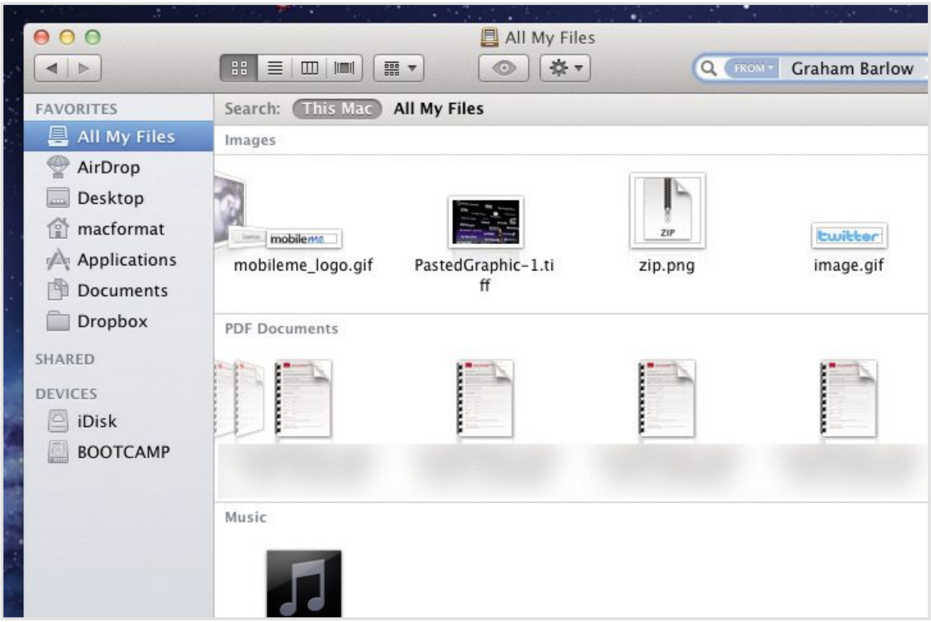
01 New sidebar

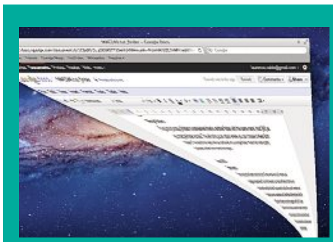
As well as appearing in a different order, these icons are bigger than before. Adjust their size in the System Preferences > General pane using the **Sidebar icon size:** drop-down. And to determine what's in the sidebar, look in Finder > Preferences > Sidebar and check what to show.


All My Files
FAVORITES
All My Files
AirDrop
Desktop
MacFormat
Applications
Documents
Downloads
SHARED
DEVICES
BOOTCAMP
Images
098 – Pigsaw 2.JPG
031 – Barking Mad Pig 3 (New Coat).JPG
Music
11 – Broken Toy.mp3
10 – Try Again.mp3

02 All My Files

This collects all files in your **Home** folder. By default, it sorts by category. Change this with the **Item Arrangement** toolbar button. **All My Files** also appears when you open a new window. Alter this in Preferences > General > New Finder windows show.


All My Files
FROM
Graham Barlow
FAVORITES
All My Files
AirDrop
Desktop
macformat
Applications
Documents
Dropbox
SHARED
DEVICES
iDisk
BOOTCAMP
Search:
This Mac
All My Files
Images
mobileme_logo.gif
PastedGraphic-1.tiff
zip.png
image.gif
PDF Documents
Music

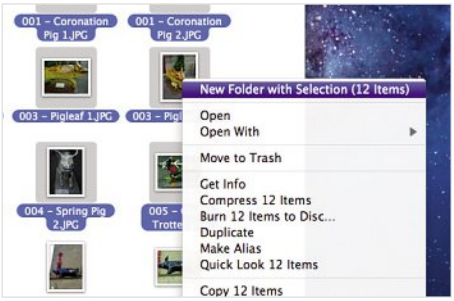


QUICK TIP

Double-clicking a window's top bar no longer minimises it to the Dock, as it always did in previous versions of Mac OS X. But you can switch this option on again by checking System Preferences > General > Double-click a window's title bar to minimise.

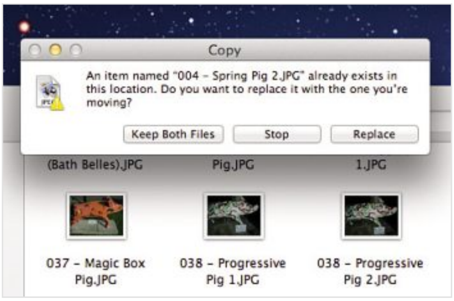
06 Better search

Start typing into the Search bar at the top of a *Finder* window and suggestions appear below. Click one of these and your results are filtered so that they only contain items that match that criterion. Say we want to look for a file; we can't remember what it's called but we know it was emailed to us by Steve Jobs. We type 'Jobs' into the Search bar, and one of the suggestions under **Sent By** is Steve Jobs. We then click this, making it a so-called token, so that the results only show files sent to us by Steve. We now add more words to the search to refine it, drilling down to locate the file we're after. You can add multiple tokens, and remove them again by clicking them and pressing ⌫. ●


001 – Coronation Pig 1.JPG
001 – Coronation Pig 2.JPG
003 – Pigleaf 1.JPG
004 – Spring Pig 2.JPG
005 – Trotte
New Folder with Selection (12 Items)
Open
Open With
Move to Trash
Get Info
Compress 12 Items
Burn 12 Items to Disc...
Duplicate
Make Alias
Quick Look 12 Items
Copy 12 Items

03 Group files into a folder

You're browsing files and decide you want to move a group of them into a folder. Select them by dragging across their icons (or hold ⌘ and click each file in turn), then right-click and choose **New Folder with Selection**. Type a name, press ↩ and you're done.



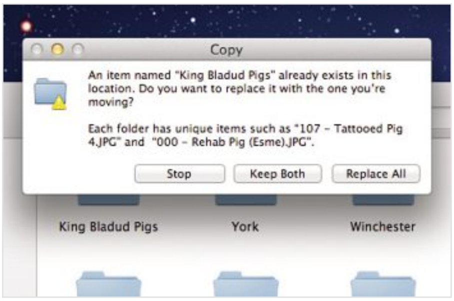
Copy

An item named "004 – Spring Pig 2.JPG" already exists in this location. Do you want to replace it with the one you're moving?

Keep Both Files
Stop
Replace
(Bath Belles).JPG
Pig.JPG
1.JPG
037 – Magic Box Pig.JPG
038 – Progressive Pig 1.JPG
038 – Progressive Pig 2.JPG

04 Better copying

Previously, when you tried to copy a file into a folder containing another file with the same name, you had to choose between the two. Now you can opt to keep both. If you click **Keep Both Files**, one will have 'copy' added to its name, so that the two can co-exist.



Copy

An item named "King Bladud Pigs" already exists in this location. Do you want to replace it with the one you're moving?

Each folder has unique items such as "107 – Tattooed Pig 4.JPG" and "000 – Rehab Pig (Esme).JPG".

Stop
Keep Both
Replace All
King Bladud Pigs
York
Winchester

05 Merge folders

If you try to copy a folder to somewhere with a folder with the same name, hold ⌥ as you drag it across. This brings up an option where you can choose to **Keep Both** folders. The items will be combined into a single folder. Note that holding ⌥ duplicates the original.

Never lose your work again

Learn how to make the most of the new Auto Save and Versions in OS X Lion

KEY INFO

DIFFICULTY
Intermediate

TIME NEEDED
20 minutes

WHAT YOU'LL NEED
OS X Lion

Thanks to Lion, lost work could become a thing of the past. Barring the failure of your Mac's hard drive, you need no longer worry about losing work if the app in question crashes. This is because OS X Lion has two clever systems built into it: Auto Save and Versions.

Provided you're using an app that has support for these two features built in, your Mac automatically saves what you do as you go along. And if you later decide you want to jump back to an older version of the file, Versions enables you to do just that.

We're going to take a look at how these two systems work so that you can make the most of them. The first thing to know is that not all your apps will work with Auto Save and Versions. *Microsoft Office 2011 for Mac*, for example, doesn't yet, though Microsoft is working on it so it should be addressed in a future update. *iWork '09* may also need updating: you need to be running at least *Pages 9.1*, *Keynote 5.1* and *Numbers 2.1* (check by opening the app in question and going to Pages > About Pages, Keynote > About Keynote or Numbers > About Numbers). If you're using an older version and bought your copy from the Mac App Store, open that up and check the **Updates** tab. If you bought a boxed copy, go to **http://bit.ly/iworkupdate** to get the update.

Other OS X Lion apps, including *TextEdit* and *Preview*, are fully Auto Save and Versions compliant.

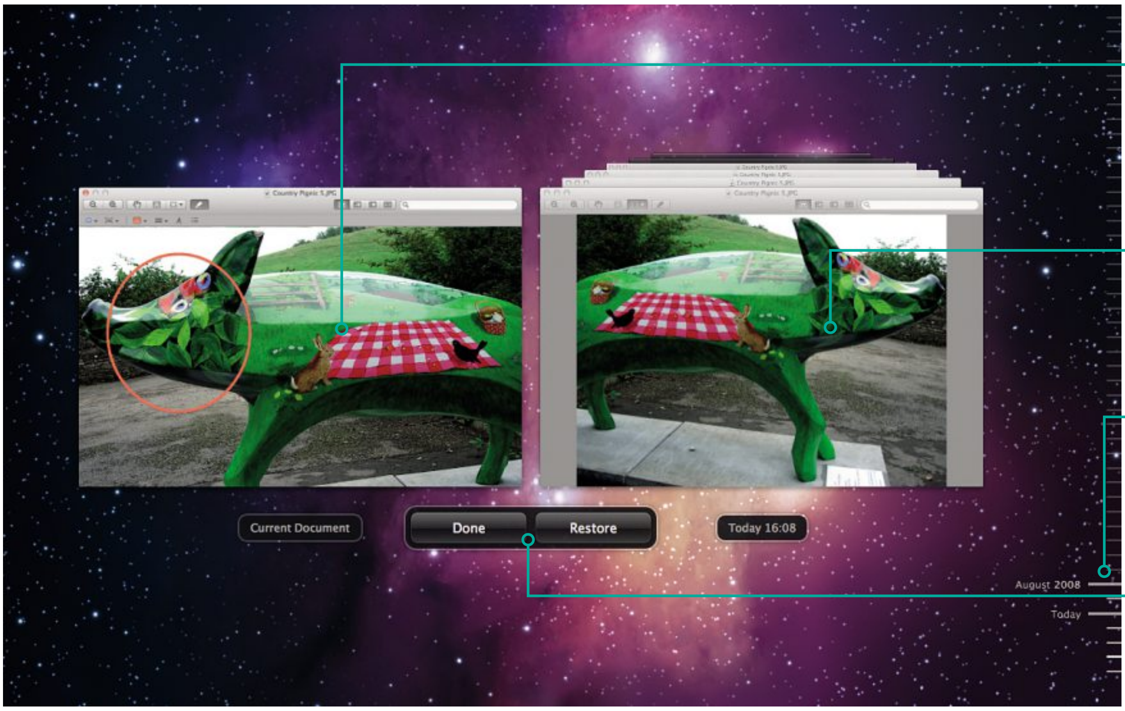
> *"You no longer need worry about working for hours and then losing work if the app in question crashes"*

Crucially, though – and we can't stress just how important this is – you have to save your file once before Auto Save and Versions kick in. So if you start writing a letter, save it immediately, and you're good to go. But fail to do so, and your Mac isn't recording your changes, since you've not yet told the system where to save them.

One thing that's missing from the **File** menu in Versions-compliant apps is the **Save As** option. This would allow you to save a copy of the file you were working on, retaining the original as a master. **Save As** has now been replaced by **Duplicate**, which pops up a second window with the contents of your document. Importantly, this copy isn't initially saved, so make sure you do this before you start working on it. Now, let's take a closer look at Versions.

Laurence Cable

QUICK LOOK / Browsing previous versions



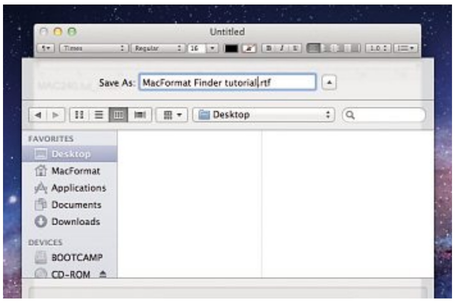
Current file
This is the document you're working on in its current state. Scroll up and down as required.

Previous versions
Your stack of saved versions. Browse it by clicking each window.

Timeline
Hover over the timeline. Each notch is a version: click to jump to it.

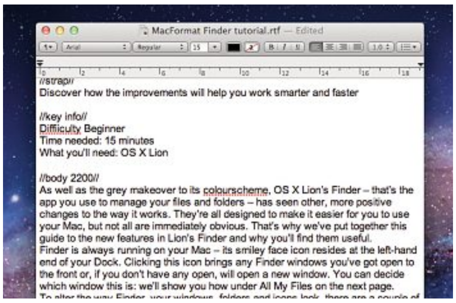
Controls
When you've found the version you want to get back, click **Restore**.

HOW TO / Make the most of Versions


Untitled
Save As: MacFormat Finder tutorial.rtf
Desktop
FAVORITES
Desktop
MacFormat
Applications
Documents
Downloads
DEVICES
BOOTCAMP
CD-ROM

01 Create your document

Let's create a *TextEdit* document. The first thing to do when you create the file is to save it somewhere on your Mac's drive, even before you start work. This will ensure Versions and Auto Save can start their work. Choose File > Save now, or press ⌘+S.


MacFormat Finder tutorial.rtf — Edited

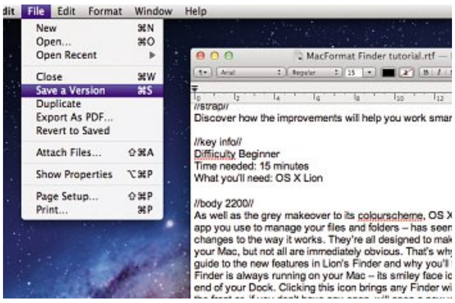
//strap//
Discover how the improvements will help you work smarter and faster

//key info//
Difficulty Beginner
Time needed: 15 minutes
What you'll need: OS X Lion

//body 2200//
As well as the grey makeover to its colourscheme, OS X Lion's Finder – that's the app you use to manage your files and folders – has seen other, more positive changes to the way it works. They're all designed to make it easier for you to use your Mac, but not all are immediately obvious. That's why we've put together this guide to the new features in Lion's Finder and why you'll find them useful.
Finder is always running on your Mac – its smiley face icon resides at the left-hand end of your Dock. Clicking this icon brings any Finder windows you've got open to the front or, if you don't have any open, will open a new window. You can decide which window this is: we'll show you how under All My Files on the next page.

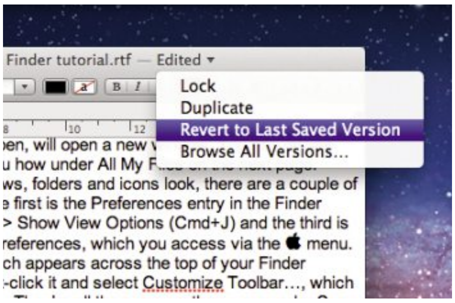
02 Get to work

As you write, your work is saved automatically. If you quit *TextEdit*, you won't be prompted to save, since your changes have already been stored. Next time you open that file, the new work will be there waiting for you. That's Auto Save in a nutshell.


File Edit Format Window Help
New ⌘N
Open... ⌘O
Open Recent
Close ⌘W
Save a Version ⌘S
Duplicate
Export As PDF...
Revert to Saved
Attach Files... ⇧⌘A
Show Properties ⌥⌘P
Page Setup... ⇧⌘P
Print... ⌘P
MacFormat Finder tutorial.rtf

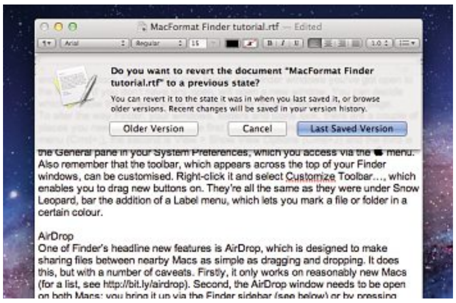
03 Save a version

As you work, there's nothing stopping you from pressing ⌘+S or choosing File > Save a Version. This records the document, in its exact state, in the versions timeline, as shown on the opposite page, meaning you can jump back to this precise point in your work.


Finder tutorial.rtf — Edited
Lock
Duplicate
Revert to Last Saved Version
Browse All Versions...

04 Options menu

Hover your mouse pointer over the name of your file in the top of the window and you'll see a triangle appear to its right. Click this to show a little menu. Note the **Revert to Last Saved Version** entry, which does what it says as well as allow you to look for an older version.


MacFormat Finder tutorial.rtf — Edited
Older Version
Cancel
Last Saved Version

Do you want to revert the document "MacFormat Finder tutorial.rtf" to a previous state?

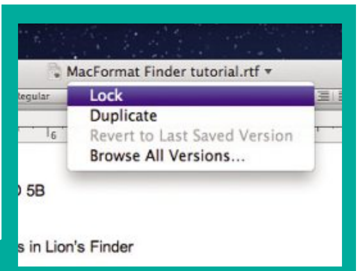
You can revert it to the state it was in when you last saved it, or browse older versions. Recent changes will be saved in your version history.

Also remember that the toolbar, which appears across the top of your Finder windows, can be customised. Right-click it and select Customize Toolbar…, which enables you to drag new buttons on. They're all the same as they were under Snow Leopard, bar the addition of a Label menu, which lets you mark a file or folder in a certain colour.

AirDrop
One of Finder's headline new features is AirDrop, which is designed to make sharing files between nearby Macs as simple as dragging and dropping. It does this, but with a number of caveats. Firstly, it only works on reasonably new Macs (for a list, see http://bit.ly/airdrop). Second, the AirDrop window needs to be open

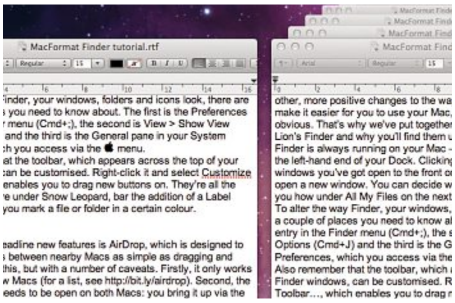
05 Revert to Saved

The last saved version takes you back to the point your file was at when you last chose to save a version (or pressed ⌘+S). If you haven't saved a version since you opened the file, you'll be taken back to this point. When you **Revert to Saved**, Lion also saves a version.


MacFormat Finder tutorial.rtf
Lock
Duplicate
Revert to Last Saved Version
Browse All Versions...

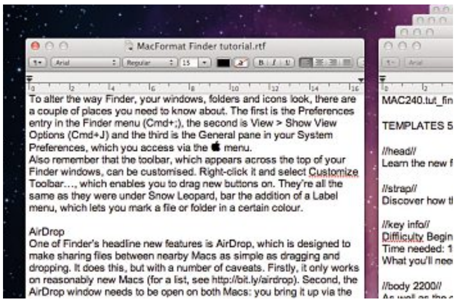
QUICK TIP

The menu discussed in step four contains a **Lock** option, which prevents you from making changes to your file. So if you make a template for a letter, **Lock it** and then use the **Duplicate** option so that you keep your original safe.


MacFormat Finder tutorial.rtf
MacFormat Finder tutorial.rtf

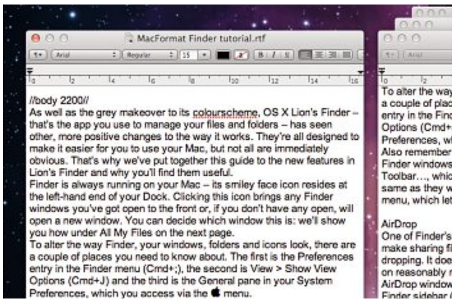
06 Browse previous versions

From the little menu we looked at in Step 4, choose **Browse All Versions…**. This will open up the timeline that's shown on the opposite page, with your current document on the left and previous versions on the right, giving you a quick side-by-side comparison.


MacFormat Finder tutorial.rtf

07 Go back in time

Click one of the windows in the stack on the right to bring it to the front, enabling you to compare it to your current one. To move forwards, use the timeline on the right. As you hover over each notch, you'll see when that version was saved. Click it to bring it to the front.


MacFormat Finder tutorial.rtf

08 Bring it back

Once you've found a version to restore, click **Restore** below. Remember that before doing so, your Mac will have saved a version, so if you later realise you actually want part of the content you lost by reverting, it'll be sitting waiting for you in your timeline. ●

SUBSCRIBE

»SAVE 35% A YEAR WITH MACFORMAT - THAT'S

Subscribe &

All your Apple needs
Mac FORMAT
80 LION TIPS
84 PAGES OF ADVICE!
iMOVIE
10 ways to create Hollywood effects!
THE LATEST KIT REVIEWED
techradar.com

Mac FORMAT
TAKE YOUR FIRST STEPS WITH LION
Slim down your Mac
TOP 10 WAYS TO FREE UP SPACE ON YOUR MAC TODAY!
Mac FORMAT
THE TOP 30 LION TIPS
iTunes
The Essential Guide

»READ ON AN iPAD!

Print subscribers to *MacFormat* get access to the Subscriber area of **MacFormat.co.uk**, containing a PDF archive going back to issue 200, which you can read on your Mac or iPad with ease!

OVERSEAS SUBSCRIBERS
Go to page 93 for great subscription savings!

» TWO EASY WAYS TO SUBSCRIBE

Subscribe today and get this gift AND save 35%.
You'll pay just £24.99 every 6 months. Go to:

www.myfavouritemagazines.co.uk/MACP1X

or call 0844 848 2852 quoting code 'MACP1X'.

Contact centre opening times are 08:00 to 21:30 weekdays, 08:00 to 16:00 on Saturdays

Terms & Conditions: This offer is open to new UK subscribers paying by Direct Debit only. Minimum subscription term is 12 months. Your subscription will start with the next available issue. You will receive 13 issues of *MacFormat* a year. Saving based on buying 13 issues of *MacFormat* from newsstand. Details of the Direct Debit guarantee available on request. If at any time during the next 60 days you are dissatisfied in any way, please notify us in writing and we will refund all unmailed items. In the unlikely event of stocks becoming exhausted, we reserve the right to replace with gift of similar value. Offer ends Offer ends 10th December 2011.

NEARLY £30 A YEAR WITH A SUBSCRIPTION

save today!

PLUS! Free headphones worth £49.99 when you subscribe. The ideal headset for your iOS device!

Subscribe to *MacFormat* on this offer and as a new subscriber you will get a set of Sennheiser MM30i headphones worth £49.99 as your free subscription gift!

These fantastic MM30i ear-canal headsets get the most out of your iPod, iPhone and iPad. The smart in-line remote control with microphone puts the full set of controls within easy reach, while bass-driven Sennheiser stereo sound and effective noise blocking let you really feel the beat.

NEWSFLASH!

Get the boss to pay for your MacFormat subscription with our new corporate subscription scheme for the workplace. For more details visit: www.myfavouritemagazines.co.uk/corporate-subscriptions

Benefits and Features:

- Smart in-line remote control with microphone – change the volume, control your music-playing options, answer or end calls and activate Voice Control – all from a sleek built-in unit
- Feel the beat – thanks to bass-driven Sennheiser sound
- Effective noise blocking – ear-canal design for effective passive attenuation of ambient noise
- Comfortable custom fit – three ear sleeve sizes (S/M/L) supplied
- Made for the iPod, the iPhone and the iPad
- Peace of mind – thanks to the two-year international warranty

SENNHEISER

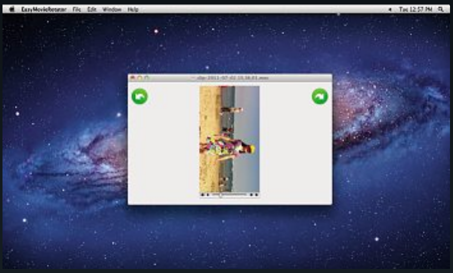
WWW.SENNHEISER.COM

>> SUBSCRIBER BENEFITS

- Welcome gift of Sennheiser MM30i headphones
- Get 13 issues a year of troubleshooting advice and reviews of all the latest Apple kit
- Never miss an issue!
- Pay just £3.85 an issue
- Get exclusive access to our subs-only area on the *MacFormat* website, giving you unlimited access to the *MacFormat* archive on your Mac, iPhone or iPad.

Words: Rob Mead-Green

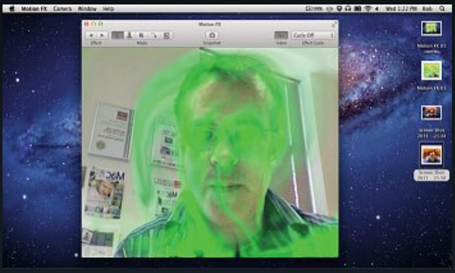
Top 10 video ap



Easy Movie Rotator

£1.49 Audiodog

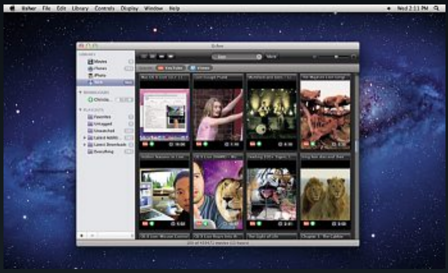
01 We've all done it - shot a movie on an iPhone then realised too late that we've filmed in portrait instead of landscape. Simply drag and drop the affected video onto its window and click one of the left rotate or right rotate buttons in the corners. Then watch in awe as the movie switches around to its correct orientation. Sure, you could do the exact same thing in *iMovie '11* using the Crop tool, but if that's all you want to do then *iMovie* is overkill.



Motion FX

£FREE Autodesk

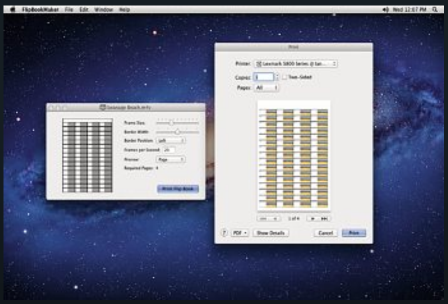
02 *Motion FX* is a 'fun' alternative to OS X's own *PhotoBooth*, offering a range of mind- and face-warping effects that will keep you amused for, ooh, at least five minutes. Watch in amazement as your hair catches fire, your eyes turn into glowing orbs and the scenery around you changes colour. Despite some clever touches, the bundled effects are all pretty samey. And despite the 'motion' tag, you can only take stills of the effects. Shame.



Usher

£25 Many Tricks

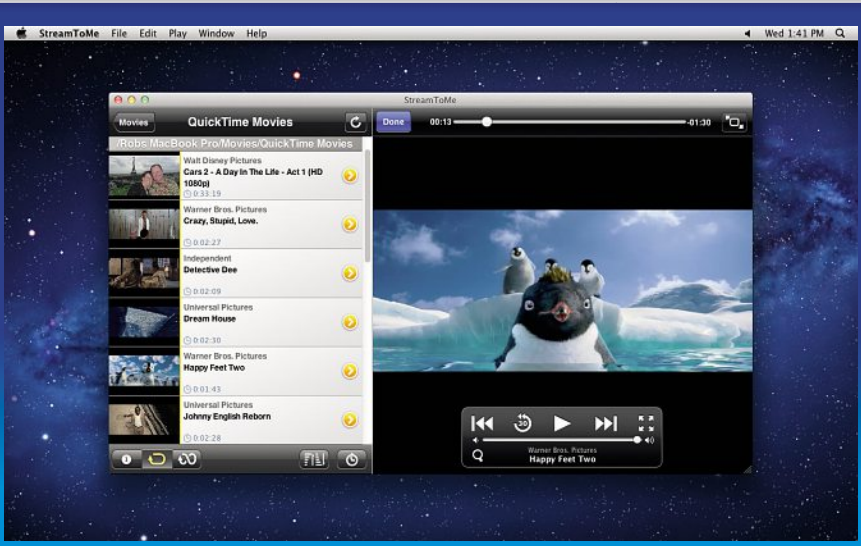
03 Thanks to *iMovie*, *iTunes* and, of course, the iPhone, chances are your Mac is awash with videos that you've either taken yourself or downloaded. But how the heck are you supposed to keep them organised? One solution is *Usher* - an *iPhoto*-style cataloguing app that enables you to see all your videos and movies in one place and then tag them, add artwork and play them back. Its best feature though is its YouTube/Vimeo integration, which makes it a breeze to browse and download movies from both services without ever leaving the app. Recommended.



FlipBook Maker

£1.99 Falko Axmann

04 Flipbooks are great fun to create, but making them can be so slow. *FlipBook Maker* gets around that by enabling you to turn any movie file on your Mac into a flipbook - the shorter the better, clearly - and then turns each of its frames into individual pages which you can print out. The app enables you to change the frame size, print size and border orientation. The only really tedious bit comes at the end: you have to cut out the individual pages you've printed and then stick them together to create your flipbook.


StreamToMe File Edit Play Window Help
Wed 1:41 PM
StreamToMe
Movies
QuickTime Movies
Done
00:13
-01:30
/Robs MacBook Pro/Movies/QuickTime Movies
Walt Disney Pictures
Cars 2 - A Day In The Life - Act 1 (HD 1080p)
0:33:19
Warner Bros. Pictures
Crazy, Stupid, Love.
0:02:27
Independent
Detective Dee
0:02:09
Universal Pictures
Dream House
0:02:30
Warner Bros. Pictures
Happy Feet Two
0:01:43
Universal Pictures
Johnny English Reborn
0:02:28
Warner Bros. Pictures
Happy Feet Two

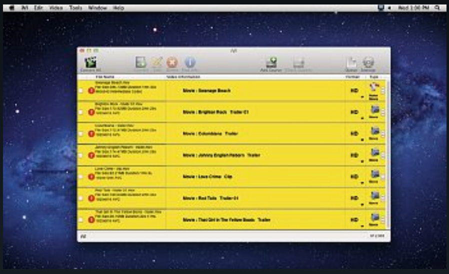
StreamToMe

£FREE Matthew Gallagher

05 This app is perfect for wirelessly streaming movies from one Mac to another or to an iPad, iPod or iPhone. It comprises two separate apps: *ServeToMe* for the host Mac and a *StreamToMe* player for each 'guest'. The two apps can easily find each other over Wi-Fi, with the player able to navigate the folders on the host Mac for maximum flexibility. The only downers are these: movies can be slow to start and stutter thanks to buffering, maximum video resolution is 720p and the iOS versions cost £1.99 each.

plications

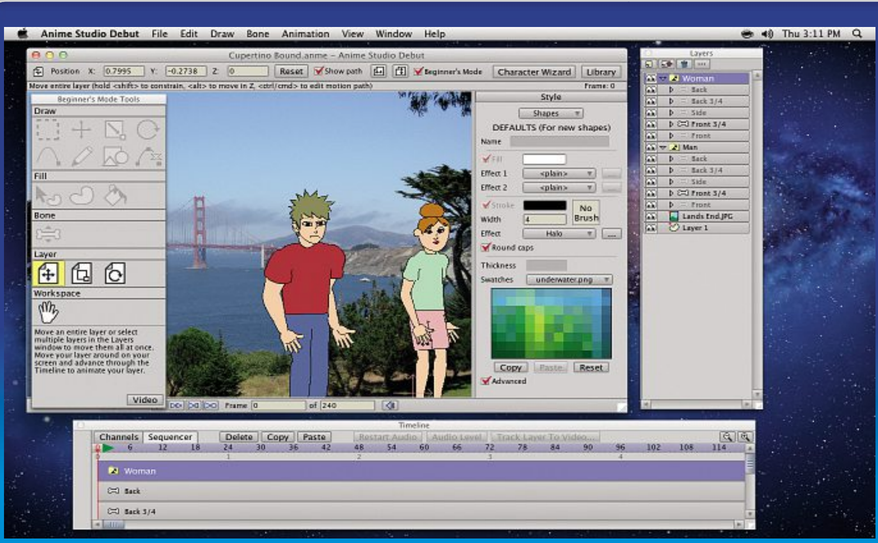
Create, edit and convert your movies with our hot picks from the App Store



iVI

£2.49 South Pole Software

06 The Mac and the Mac App Store aren't exactly short of video converters, but *iVI* does the job right. Its drag-and-drop interface is simple to understand and use, and there's a whole lot of granularity to the application's export settings, which enables you to tweak the final output. *iVI* even gives you the option to add tags and cover artwork, saving you the hassle of using more than one app to get your movie into *iTunes* and on to your iPhone. For even more video conversion goodness, check out the Pro version (£6.68), which is only available from the South Pole store. It adds DVD ripping and support for Elgato's Turbo.264 hardware dongle, which vastly increases movie conversion speed.

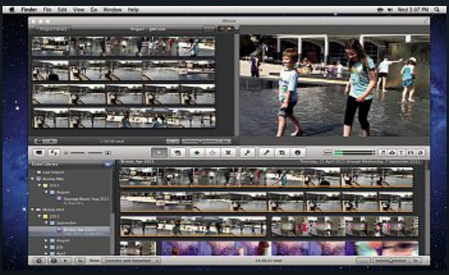


Move an entire layer or select multiple layers in the Layers window to move them all at once. Move your layer around on your screen and advance through the Timeline to animate your layer.

Anime Studio

£21 Smith Micro

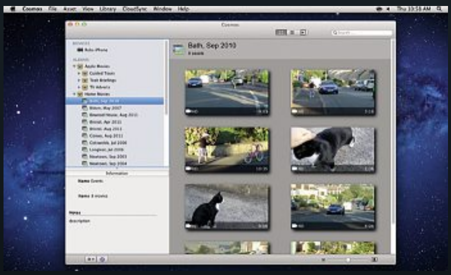
10 Dreaming of Aardman super-stardom? Well, you've found a great place to start. *Anime Studio Debut* (a hefty 352MB download) gives you all the tools, effects and layers you need to create your own cracking cartoons. The learning curve can be steep if you've never used something like this before, but there are lots of tutorials and pre-built scenes and characters to help you along the way. But the biggest fun comes from creating your own characters and scenes, which *Anime Studio* makes fairly easy to do.



iMovie

£11 Apple

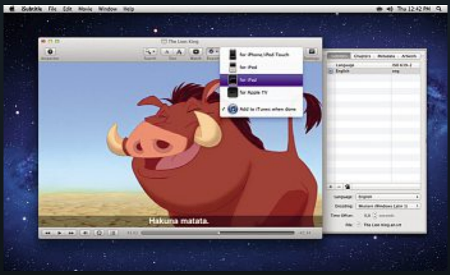
07 When Apple abandoned the old *iMovie* in 2007, it had home-movie enthusiasts in fits: all the glorious things about the old version – precise edits, support for third-party plug-ins and so on – were abandoned in favour of a squeaky new interface, new video formats and dumbed-down editing. But with *iMovie '11*, Apple has finally caught up with its past and made *iMovie* worth using again. All Apple needs to do now is iron out a few of its curious bugs.



Cosmos

£28 Shedworx

08 *Cosmos* is a video and photo manager for your home movies that can be used to store, sort and tag raw footage from your camcorder. Importing is quick; no conversion takes place and your clips are represented by poster frames or as a series of static filmstrips, rather than as video that you can watch. You send just the clips that you want to keep to *iMovie* for editing. But note that AVCHD users also need *Cosmos'* sister app, *VoltaicHD* (£28).



iSubtitle

£14 Bitfield AB

09 If you're hard of hearing, *iSubtitle* is a real boon. It uses Apple's own soft subtitle technology to add resolution-independent subtitles to your favourite movies or TV shows. You can make them magically appear on your Apple TV, or on your iPhone when you're out and about. Getting subtitles isn't hard – there are plenty of sources for them online – but *iSubtitle* makes the rest of the process so easy. Highly recommended.

Words: J.R. Bookwalter **Illustration:** a.K.a.

80 OS X Lion features you may have overlooked

Amid all the fanfare, a ton of new features in the latest Mac OS went unnoticed. So we sought them out

Almost two and a half months ago, OS X Lion escaped from the Mac App Store and took up residence in Macs around the globe. And for the most part users are quite happy with their new house guest. Yet part of the fun with any new operating system release is uncovering all the new features – and make no mistake, this big cat has plenty of them.

Despite Apple's efforts to outline more than 250 new features in OS X Lion on their website, many users are still discovering new items daily, which is keeping the folks who track such features working overtime in their efforts to expose them.

However, we realise that many of you don't have enough time to put on your sleuthing cap and play Sherlock Holmes with us. That's why we've assembled a massive gallery of all the cool little discoveries we've found. So without further ado, let's get our big cats in a row (so to speak), dig in our claws and see what we can find! »

Dashboard
Desktop
QuickTime Player
Finder
iTunes
Documents Stack
GUGGENHEIM
reeder
Preview
Safari
App Store

Birth date year optional

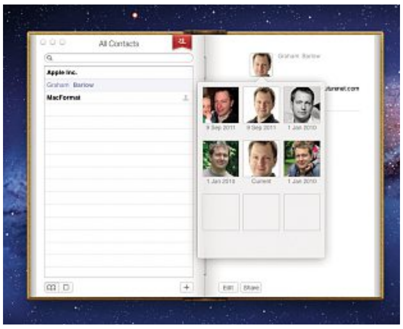
01 Many of us know the month and day of our family and friends' birthdays, but we might not know the year. Thankfully, Lion's *Address Book* couldn't care less, allowing you to enter just the month and day, which will carry over to *iCal* just fine – without displaying their age. Make sure Birthday is selected in Address Book > Preferences > Template > Add field.

FaceTime calling

02 OS X Lion also adds a *FaceTime* link to the *Address Book* to make it easy to keep up with friends and family. With a contact open, click on any email address, choose FaceTime and enjoy your chat.

iPhoto faces

03 OS X Lion makes it easier to attach images to your contacts in *Address Book* by linking to *iPhoto*'s Faces feature. Double-click on a contact's photo and after a moment, click on the Faces icon at the bottom-left to browse from your *iPhoto* library. Make your selection, zoom and crop and you're good to go.


All Contacts
Apple Inc.
Graham Barlow
MacFormat

Address Book now integrates iPhoto's library.

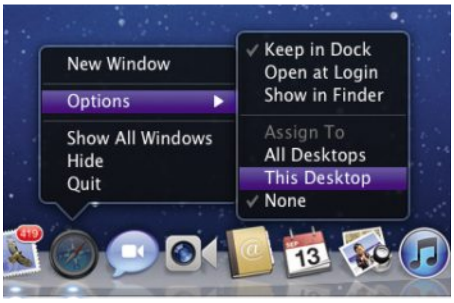
Lose the space

04 By default, OS X Lion treats the *Dashboard* overlay as one of your desktops, much to the chagrin of long-time users. This deprives it of its quick-reference usability. Fortunately though, it's easy to undo, simply by opening System Preferences > Mission Control and unchecking the very first option, 'Show Dashboard as a space.'

Assign your desktops

05 All apps in OS X Lion can now be assigned to specific desktops, all desktops or none at all, right from the Dock. To do this, simply ≈-click on the app in question, manoeuvre to Options in the pop-up menu and select the appropriate choice from the 'Assign To' options.

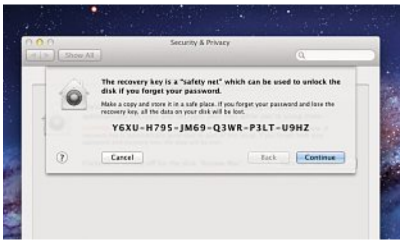
Address Book File Edit View Card Window Help
Fri 16:48
All Contacts
Apple Inc.
Graham Barlow
MacFormat
Company
birthday 1 April
Done Share
MacBook Air


New Window
Options
Show All Windows
Hide
Quit
✓ Keep in Dock
Open at Login
Show in Finder
Assign To
All Desktops
This Desktop
✓ None

Select which desktops each app should appear in.

Access recently opened files

06 The OS X Lion Dock just got a little more useful with the addition of a list of recently opened files for relevant applications. To access them, simply ≈-click on any app in your Dock and up pops a list of recently used files for that selection.


Security & Privacy
Show All

The recovery key is a "safety net" which can be used to unlock the disk if you forget your password.

Make a copy and store it in a safe place. If you forget your password and lose the recovery key, all the data on your disk will be lost.

Y6XU-H795-JM69-Q3WR-P3LT-U9HZ

Cancel
Back
Continue

Now you can encrypt everything on your Mac!

Volume encryption

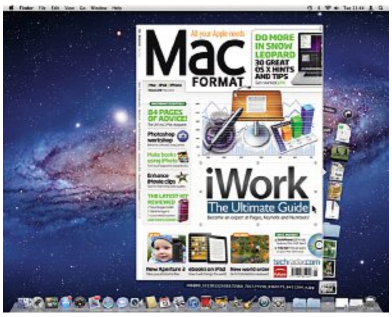
07 FileVault 2 got a major overhaul with OS X Lion, and one of the biggest features has to be the ability to encrypt an entire volume rather than just a user's Home folder. Just turn it on, enter a recovery key and sit back as a blanket of security is applied to your entire volume.

Lose the indicator lights

08 So you love the Dock, but just aren't feeling it for those indicator lights below each open application. No problem – OS X Lion now allows you to turn them off by opening System Preferences > Dock and unchecking 'Show indicator lights for open applications'.

Quick Look stacked files

09 Finally, stacks are made more useful! From any folder stack in your Dock, simply mouse over the one you'd like to Quick Look and hit the space bar. As if by magic, you'll get a nice big preview of that file, same as you would from a *Finder* window, in fact.


Mac FORMAT
iWork
The Ultimate Guide

Stacks get a new Quick Look thanks to Lion.

Encrypt external disks

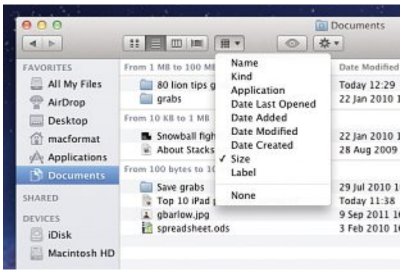
10 In addition to encrypting your entire system volume in OS X Lion (instead of simply a user's Home folder in the prior version), users can now choose to encrypt external USB or FireWire drives as well. The option will come to your attention in the *Disk Utility* app at the time of disk formatting.

Emoji emoticons added to special characters

11 This tip actually works from any app that uses the Edit menu. To get your Emoji on, simply go to Edit > Special Characters and browse to the new Emoji section of the sidebar. Double-click or drag a selection to insert it into the active text field.

File sorting

12 OS X Lion introduces a new toolbar method for sorting files based on a variety of options including name, kind, application, four date-related options, size, label or none, which keeps things the way they were in Snow Leopard. Now you can separate folders from documents and much more, making it easier than ever to find what you're looking for.


Documents
FAVORITES
All My Files
AirDrop
Desktop
macformat
Applications
Documents
SHARED
DEVICES
iDisk
Macintosh HD
Name
Kind
Application
Date Last Opened
Date Added
Date Modified
Date Created
✓ Size
Label
None
Date Modified

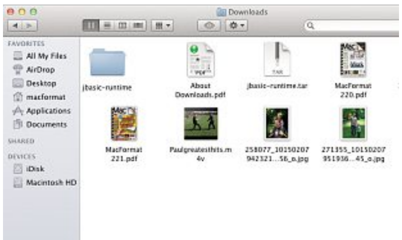
Sorting options in Finder have been improved.

Gesture navigation

13 If you prefer to view your files as icons, OS X Lion now allows for gesture-based navigation as it displays *Finder* items. Files in each particular group are now displayed in rows of icons, allowing you to easily swipe through them with a trackpad.

Keyboard shortcut to Downloads folder

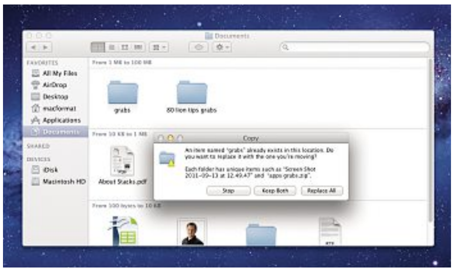
14 Once a file you've downloaded has vanished into *Safari 5.1*'s tiny Downloads window, how can you find it again? There are several ways, but one of our favourites is using the ⌘+⌥+L keyboard shortcut in the *Finder*. This pops it open – even if you were just browsing another *Finder* folder.


Downloads
FAVORITES
All My Files
AirDrop
Desktop
macformat
Applications
Documents
SHARED
DEVICES
iDisk
Macintosh HD
jbasic-runtime
About Downloads.pdf
jbasic-runtime.tar
MacFormat 220.pdf
MacFormat 221.pdf

Use a shortcut to jump to the Downloads folder.

Merge folders

15 In the past, copying a folder with the same name to a new location was strictly a no-no. That's all changed in OS X Lion, and now you'll get the option to merge folders or keep both folders when doing so. Oh, how we love the little things in life…


Stop
Keep Both
Replace All

Now similarly named folders can peacefully co-exist.

Move instead of copy

16 We've always been able to move files to different folders by dragging and dropping with the ⌘ key held down, but now keyboard junkies have even more options. Simply use ⌘+C as always to copy one or more files, then use ⌥+⌘+V when pasting, which will actually move the file from its original location to the new destination.

Navigate with gestures

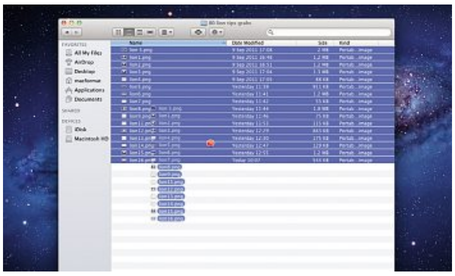
17 With all of the new gestures, it's no surprise that Apple removed the previous method of navigating back and forth through *Finder* windows. But it's still there – simply hold down the ⌥ key while you swipe left or right with three or four fingers (depending on how you have it configured) to navigate *Finder* windows instead of spaces.

New folder with selection

18 If you frequently move files into folders, you'll love OS X Lion's new ability to select one or more files, then pull up a contextual menu with a ≈-click. At the top of the menu you'll see 'New Folder with Selection' – select it and watch as your files literally jump into a new folder.

Multiple selection animation

19 This one is mostly eye candy, but it does come in handy for showing a user what will happen when they drag and drop. Select more than one item to drag to a new location and you'll see the selections collapse into one as you do so, then separate again as you hover over the new destination.



Multiple-select files and watch as they collapse!

Finder
File
Edit
View
Go
Window
Help
Wed 10:41
Wi-Fi: On
Turn Wi-Fi Off
Bath-QHZS
Bath-Guest
Corporate
hugpawugga
Join Other Network…
Create Network…
Open Network Preferences…
MacBook Pro

No more AirPort

20 Not everyone has the extra money to spend on Apple-branded wireless routers, which is probably why OS X Lion has now changed the AirPort menu in the *Finder* to simply 'Wi-Fi' – a label which, when you think about it, makes a whole lot more sense anyway.

No more looping app switcher

21 Prior to OS X Lion, holding down the ⌘+⇥ keyboard shortcut to open the application switcher would result in a potentially epileptic situation as the switcher moved the selection across your available apps in an endless loop. The good news is, Apple has changed this behaviour and the app switcher will now stop at the end of the row – without

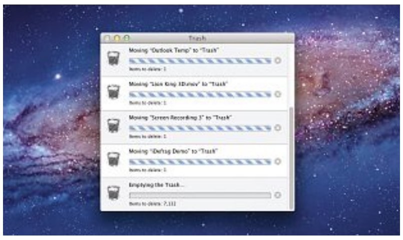
QuickTime Player File Edit View Share Window Help
Fri 10:15 AM Rob
Pages
MacBook Pro

Reveal the user library folder

22 While holding down the ⌥ key is one – well, option – you can get your user Library back more permanently by heading to Applications > Utilities > Terminal and typing 'chflags nohidden ~/Library' (no quotes) and hitting ↩. Welcome back, Library folder.

Queue up your Trash

23 You'll be seeing one less unwelcome notification in OS X Lion: have you ever been in the middle of a lengthy trash-emptying session and tried to drag other unwanted files inside at the same time? OS X would refuse to move those files, but with Lion, the trash now forms a queue – if it's busy being emptied, any new trash will simply queue up behind the current dump.


Trash
Moving "Outlook Temp" to "Trash"
Moving "Screen Recording 3" to "Trash"
Moving "Defrag Demo" to "Trash"
Emptying the Trash…

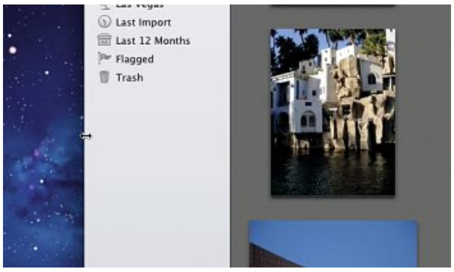
Now files form an orderly queue to Trashdom.

Sidebar icon size

24 Aghast at the size of your *Finder* sidebar icons after opening OS X Lion? Thankfully, Apple has a setting for that which you can find under System Preferences > General; choose between Small, Medium or Large for 'Sidebar icon size'. Note, however, this also affects the size of the sidebar icons in the *Mail* app as well.

Visit the user Library folder

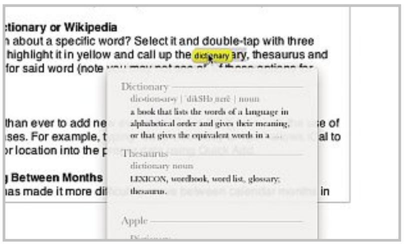
25 Apple has decided a user's Library folder should be none of their business with OS X Lion, which has made many long-time users nervous. But it's easy to access it: From the *Finder*, hold down the ⌥ key as you select the Go menu and you'll see Library sandwiched between Home and Computer. Select Library to open it in the *Finder*.



You can now resize windows from any edge you like.

Window edge resizing

26 Apple comes through again, with the ability to resize application windows from any edge – gone is the little corner graphic in the lower-right corner of each window. Better yet, power users can hold down the ⇧ key to maintain the current window's aspect ratio while resizing, or hold down the ⌥ key to maintain the centre point.



dictionary | ˈdikSHəˌnerē | noun
a book that lists the words of a language in alphabetical order and gives their meaning, or that gives the equivalent words in a

dictionary noun
LEXICON, wordbook, word list, glossary; thesaurus.

Use a gesture to build your working lexicon!

Call up Dictionary

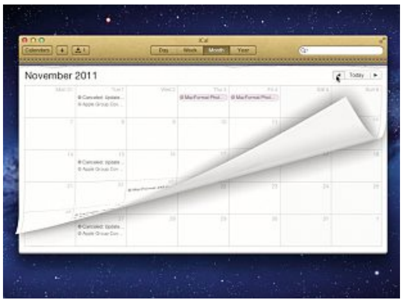
27 Need more information about a specific word? Select it and double-tap with three fingers to immediately highlight it in yellow and call up the dictionary, thesaurus and Wikipedia information for said word.

Quick Add

28 Apple makes it easier than ever in OS X Lion to add new events to *iCal*, with the use of regular language phrases. For example, typing 'Benji's birthday at 4pm' allows *iCal* to parse the name, time or location into the proper data using Quick Add.

Two-finger drag between months

29 Frustrated that Apple has made it more difficult to move between calendar months in *iCal*? Forget the clicking and use a two-figure drag left or right to get the job done, complete with a page-turning animation.



Drag a calendar page over with two fingers.

Year 'heat' mode

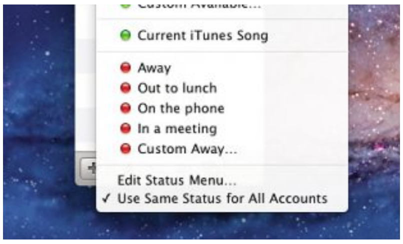
30 Suppose you want to see at a glance which days are busier than others for an entire year. Previously in OS X, that was impossible. Enter OS X Lion's new year mode: it shows 12 months at a time, using colours to represent your availability for each day, with busier days appearing more 'hot' than others.

iPhoto Faces

31 *Address Book* isn't the only OS X Lion app to gain the ability to quickly and easily add photos to your contacts. Click a buddy icon in *iChat*, click Edit Picture and then the Faces button at the bottom-left, where you can browse through all available *iPhoto* Faces and choose the best one for your buddy.

Unified Buddy list and instant messaging

32 OS X Lion adds Yahoo! Messenger to the *iChat* party, but buddies who have multiple chat services will only appear once, keeping your buddy list clean. What happens when you want to instant-message them? You'll be asked which service you wish to connect through first. You'll also get one unified status update across all of your services as well.


Current iTunes Song
Away
Out to lunch
On the phone
In a meeting
Custom Away…
Edit Status Menu…
✓ Use Same Status for All Accounts

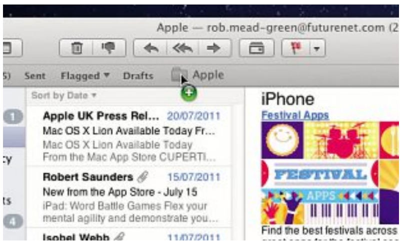
Group multiple accounts under a single status.

Drag Favorites to Dock

33 If you find yourself frequently visiting the Launchpad to open a particular app, it might be time to add it to your Dock for even faster launching. Thankfully this is as easy as selecting the icon in Launchpad and dragging it straight to the Dock.

Favorites bar

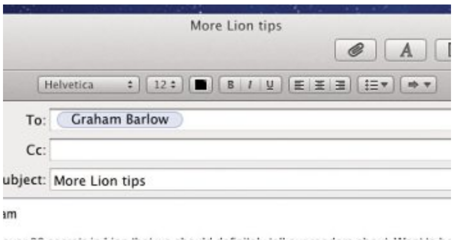
34 Do you find yourself accessing certain folders in *Mail* more than others? Keep them a click away by dragging the folders to the new Favorites bar, which is sandwiched between the toolbar and the main *Mail* window. From there you can easily access existing subfolders by clicking on the downward triangle instead.


Apple — rob.mead-green@futurenet.com
Sent
Flagged
Drafts
Apple
Sort by Date
Apple UK Press Rel… 20/07/2011
Mac OS X Lion Available Today Fr…
Robert Saunders 15/07/2011
New from the App Store - July 15
Isobel Webb 11/07/2011
iPhone
Festival Apps

Access Mail folders from the new Favorites bar.

Formatting bar

35 Formatting your rich-text emails is a snap in OS X Lion. Simply start a new email, then click the 'Show Format bar' button (sandwiched between the attachment and photo browser at the upper right). Now you'll have easy access to font, size, formatting, paragraph structure and much more.


More Lion tips
Helvetica
12
To: Graham Barlow
Cc:
ubject: More Lion tips

Get easy access to formatting options in Apple Mail.

Lose the widescreen Layout

36 OS X Lion has a new look for *Mail* that takes a nod from the iPad, but it's not to everyone's taste. But don't worry: you can get things back to the way they were in a jiffy by going to Mail > Preferences > Viewing and checking 'Use classic layout'.

Separate conversations

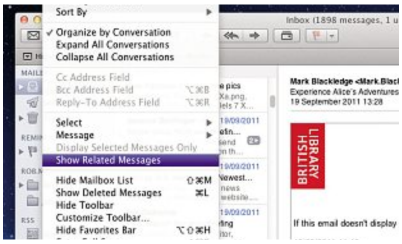
37 OS X Lion *Mail* now groups your emails by conversation, which helps reduce clutter and stay organised with your recipients. Inline controls make it easy to reply, forward or delete messages. But if you want to access emails one at a time, click the number to the right of your conversation and you'll be able to quickly get to any of them with just a click.

Show Mailboxes

38 *Mail* defaults to hiding all of your mailboxes in OS X Lion, but you can get them back quickly by using View > Show Mailbox List. Keyboard aficionados can do the same with a ⇧+⌘+M shortcut, or use a simple click on the Show button at the far left of the new Favorites bar.

Show Related Messages

39 With so many emails flying back and forth, it's easy to get confused. OS X Lion's *Mail* app adds the ability to show messages related to others in your inbox. To turn this feature on, go to the View menu and select Show Related Messages, which will now display previous replies or even messages you've filed or trashed.


Sort By
✓ Organize by Conversation
Expand All Conversations
Collapse All Conversations
Cc Address Field
Bcc Address Field ⌥⌘B
Reply-To Address Field ⌥⌘R
Select
Message
Display Selected Messages Only
Show Related Messages
Hide Mailbox List ⇧⌘M
Show Deleted Messages ⌘L
Hide Toolbar
Customize Toolbar…
Hide Favorites Bar ⌥⇧⌘H
Inbox (1898 messages, 1 u
Mark Blackledge <Mark.Blac
Experience Alice's Adventures
19 September 2011 13:28
BRITISH LIBRARY
If this email doesn't display

Show Related Messages together in Apple Mail.

System Preferences
General
Appearance: Blue
Highlight color: Blue
Show scroll bars:
Click in the scroll bar to:
Sidebar icon size
Small
Medium
Large
Number of recent items:
MacBook Air

Sidebar icon size

40 Looking to squeeze more folders into view in your OS X Lion *Mail* sidebar? There's no preference for this in the app itself, but strangely Apple has incorporated it into System Preferences > General. Change 'Sidebar icon size' to your choice of Small, Medium or Large, but be forewarned – this also affects the *Finder* sidebar as well.

Browse your desktops

41 Want to flip through your open desktops to see what's active on them before committing to a switch? Simply hold down the ⌥ key as you select the desktop in Mission Control, which will slide the new desktop into view without actually opening it for you so you can preview first.

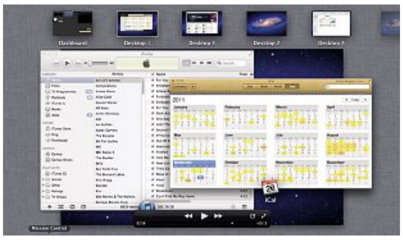
Dashboard
Desktop 1
Desktop 2
Desktop 3
MacBook Air

Different Desktop backgrounds

42 If you're working with different Desktops you might want to enjoy a different look for each one. To do this, simply visit each Desktop, open System Preferences > Desktop & Screen Saver and choose a new background image. You can then repeat this for your other Desktops. Perfect for those times where one simply isn't enough!

Drag apps to Desktops

43 You'll probably already know that a three-finger swipe upwards puts you in OS X Lion's Mission Control, where you can drag windows between your desktops. But did you know you can move entire apps as well? To do this, instead of dragging a window, click and hold on the app icon and its open windows will follow.



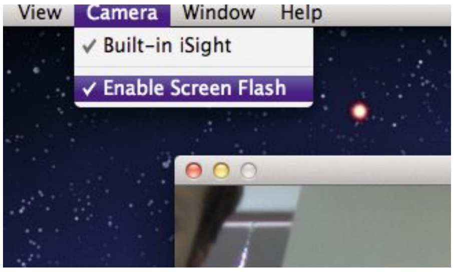
Drag an app icon to move it to another Desktop.

Control Desktop arrangements

44 With OS X Lion, Apple tries to help users at every turn, no matter how jarring it might be. But fear not, you can take matters into your own hands by visiting System Preferences > Mission Control and unchecking 'Automatically rearrange spaces based on most recent use'.

Viewing gestures

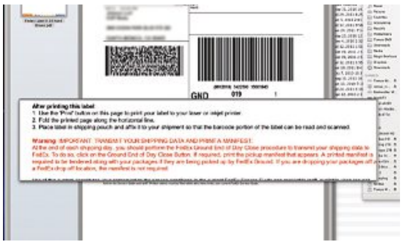
45 A trackpad coupled with Mission Control is a user's new best friend. Swipe two fingers up to spread out a cluster of app windows (or enlarge a single window), swipe three fingers (or four, depending on your prefs) to the left or right to move back or forth through desktops or exit Mission Control by using a three-finger swipe down.



Take away the pesky screenflash and snap happy.

Lose the screen flash

46 Users have always been able to temporarily disable the white screen-flash in *Photo Booth* by holding down ⇧ while a photo is being snapped. But now there's an option under the Camera menu to disable it for good, should you dislike this feature and want rid of it forever.



With one tap you can zoom in to see more clearly.

Show Magnifier

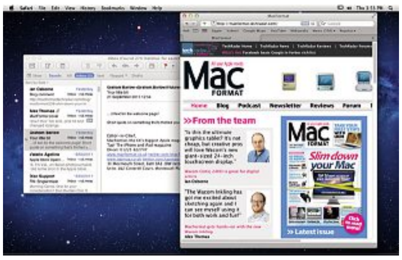
47 If you need to zoom in and get a closer look at an image or document in *Preview*? Apple now includes a Magnifier tool with OS X Lion – simply tap the '§' key located under esc and it will pop up. Pinch to increase or decrease your view inside the Magnifier.

Add a signature to your docs

48 *Preview* now allows you to add a signature to documents by signing a piece of paper and using your FaceTime camera to capture it. The magic happens in the annotations section, and you can even add multiple signatures for a variety of uses.

Easily preview links

49 Next time you receive a URL in *Mail* or *iChat*, there's no need to click on it and head to *Safari* to see what it is. Just hover your cursor over the link, then click on the black square and white arrow. This will use Quick Look to open the link without having to leave the app at all. Hit the esc key as usual to close the preview.



Get to your website links in the blink of an eye.

Merge video clips

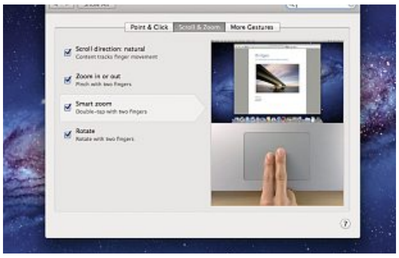
50 At last, OS X Lion's QuickTime Player makes it easy to assemble multiple video files into one. Open the first file, then drag a second onto the same window. QuickTime Player will even scale or crop files to match. You can even trim the head or tail of any clip before committing to the new file.

Add to Reading List

51 Next time you spot a link to an article that looks interesting and you don't have time to read it at that moment, let OS X Lion's new *Safari 5.1* feature Reading List take control. ⇧-click the link and watch it fly up the screen and into the Reading List icon, where it's now safely saved for later consumption.

Smart Zoom

52 Gestures seem to have attracted the lion's share of the press (pun intended), but a few of them may have been overlooked. One of our favourites is the 'Smart zoom', which emulates iOS by allowing you to double-tap with two fingers in *Safari* to zoom into your web content. Make sure this option is turned on under System Preferences > Trackpad first. Works great in full-screen *Safari*, too!


Point & Click
Scroll & Zoom
More Gestures

☑ Scroll direction: natural
Content tracks finger movement

☑ Zoom in or out
Pinch with two fingers

☑ Smart zoom
Double-tap with two fingers

☑ Rotate
Rotate with two fingers

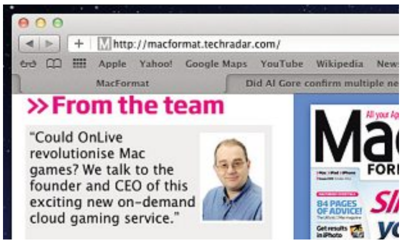
Smart zoom emulates iOS's double-tap in Safari.

New Downloads window

53 Click a download link in *Safari 5.1* on OS X Lion and you'll see an animation fly up the screen and into a new icon – this is the new home for Downloads. Click on the down arrow on the top right-hand corner and *Safari's* Downloads window will pop open.

New tabs stay close

54 We love this one! In the past, clicking a link to open a new tab meant the window would open at the end of the line, often far away from the tab that spawned it. With OS X Lion, such new tabs will pop up right next to the original, pushing the others down the line accordingly. What can we say? It's awesome.


http://macformat.techradar.com/
Apple
Yahoo!
Google Maps
YouTube
Wikipedia
MacFormat
Did Al Gore confirm multiple ne
» From the team
Mac
84 PAGES OF ADVICE!

"Could OnLive revolutionise Mac games? We talk to the founder and CEO of this exciting new on-demand cloud gaming service."

Tabs now spring up next to the original one.

Swipe through page history

55 Although we miss having a two-finger swipe for *Finder* windows, *Safari 5.1* allows the same gesture to swipe through your page history. Just need a quick peek at your previous page? Swipe the existing one over enough to see it and hold your fingers in place, then swipe back to return where you just were.

Mac FORMAT
» From the team
Slim down your Mac
OS X Lion
The new king of the desktop.
Win! A Mad Catz Cyborg R.A.T. 9

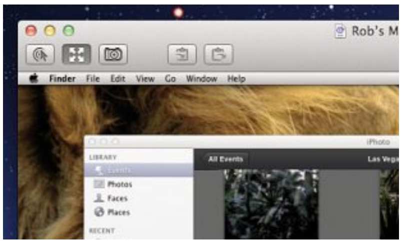
Easily look at past pages with a quick swipe or two.

Pause slideshow

56 If you have your screensaver set to show a slideshow of images, this trick will come in handy. Want to check out a particular slide or move through them manually? Hit the Space bar to stop (or restart) the show, then use the arrow keys to navigate between images.

Quick-access toolbar

57 If you use Screen Sharing to access other Macs in your network, Lion has a toolbar to allow quick access to send or get remote clipboard contents, snap a screenshot or fit the screen in your window.


Rob's M
Finder
File
Edit
View
Go
Window
Help
iPhoto
LIBRARY
Events
Photos
Faces
Places
RECENT
All Events
Las Vega

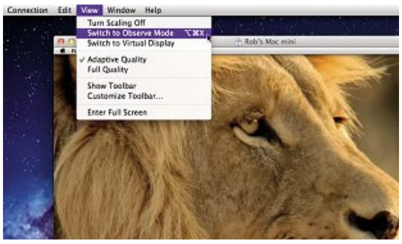
A new toolbar makes it easy to get to other Macs.

Apple ID authentication

58 Don't want to create user accounts for others to access your computer via Screen Sharing? With OS X Lion, you can add another user's Apple ID as an authorised users and they can log in with the same credentials used by iTunes or the App Store.

Observe only

59 Want to keep an eye on a Mac in your network without accidentally disturbing it? Use OS X Lion Screen Sharing's View > Switch to Observe Mode to see the remote computer without taking control of its window.


Connection
Edit
View
Window
Help
Turn Scaling Off
Switch to Observe Mode
Switch to Virtual Display
✓ Adaptive Quality
Full Quality
Show Toolbar
Customize Toolbar...
Enter Full Screen
Rob's Mac mini

Spy on a Mac without it suspecting a thing.

Finder
File
Edit
View
Go
Window
Help
Thu 5:04 PM
Spotlight
macformat
Show All in Finder
Top Hit
Documents
Messages
Contacts
Events
Webpages
Web Searches
MacFormat – History
MacFormat-File Courier-Deliver.dmg
DaisyDisk1_MacFormat.dmg
MacFormat cover
Re: Logo for MacFormat
Rob Mead-Green
MacFormat Photography
macformat – Google Search
Search Web for "macformat"
Search Wikipedia for "macformat"
Spotlight Preferences...
MacBook Pro

Drag and drop

60 OS X Lion makes searching in Spotlight far more usable with the ability to drag and drop found items right from the Spotlight window to another location – including an open email or via AirDrop.

»

QuickLook previews

61 Here's one that Spotlight users are going to enjoy. After doing a search, hover your mouse over a selection and up will pop a Quick Look preview of that item. Even better, hold down the ⌘ key while doing so to see where the searched string is located in that file, or hold down ⌘+⌥ to see where on your hard disk the file resides.

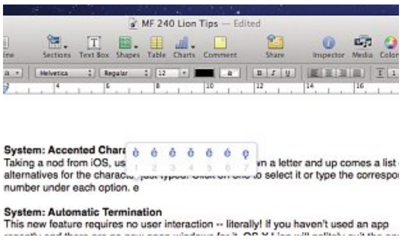
Terminal
Shell
Edit
View
Window
Help
Spotlight
macformat
MacBook Pro

Web or Wikipedia search

62 Want to do a quick web search without switching over to *Safari*? Type your search into OS X Lion Spotlight and click the "Search Web for" option at the bottom – *Safari* will jump to the front and open the search request using your default search engine. This also works for Wikipedia searches as well.

Accented characters

63 Taking a nod from iOS, users can now simply hold down a letter and up comes a list of alternatives for the character just typed. Click on one to select it, or type the corresponding number under each option.


MF 240 Lion Tips — Edited
Sections
Text Box
Shapes
Table
Charts
Comment
Share
Inspector
Media
Helvetica
Regular
12
è é ê ë ē ė ę
1 2 3 4 5 6 7

System: Accented Chara
Taking a nod from iOS, us wn a letter and up comes a list
alternatives for the charac o select it or type the correspo
number under each option. e

System: Automatic Termination
This new feature requires no user interaction -- literally! If you haven't used an app

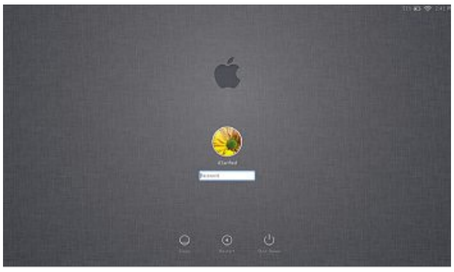
Adding an accent is no longer a fiddy business!

Automatic termination

64 This new feature requires no user interaction – literally! If you haven't used an app recently and there are no open windows for it, OS X Lion will politely quit the app in question to free up resources for the rest of the system. Of course, this works with Lion's new autosave features to make sure you don't lose any data, and developers must specifically add it. Apple's own apps such as *TextEdit* and *Preview* already support this.

Enhanced clamshell mode

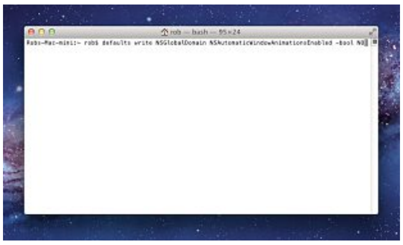
65 Notebook users may recall the decidedly un-Apple way of attaching an external display to use their Mac in what's called 'clamshell mode.' That's all completely disappeared with OS X Lion. Now, you just simply attach an external display, close your notebook and the external display remains on without having to fidget with sleep mode.



Your login will now handily display the essentials.

Extra items displayed at login

66 OS X Lion's login window now features a particularly handy display of the clock, Wi-Fi status and on portable Macs, even the battery charge level and status – before you even log in to your system.


rob — bash — 95×24

```
Robs-Mac-mini:~ rob$ defaults write NSGlobalDomain NSAutomaticWindowAnimationsEnabled -bool NO
```

Don't like the pesky zooming? Then get rid of it!

Lose the zoom

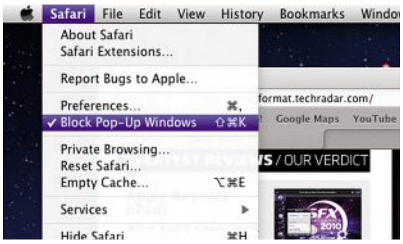
67 OS X Lion introduces a zoom effect that many users have found less than desirable. But it's easy to get rid of over at: Applications > Utilities > Terminal. Then type: defaults write NSGlobalDomain NSAutomaticWindow AnimationsEnabled -bool NO and hit ↩. Log out or restart to get it working, or quit and relaunch the apps in question.

Restore key repeat

68 If you rarely use accented characters and miss having the key repeat, go to Applications > Utilities > Terminal and enter "defaults write -g ApplePressAnd HoldEnabled -bool false" (no quotes) and hit ↩. Want to revert to Lion's default? Change "false" to "true".

Disable Resume

69 If you're quitting out of an app in OS X Lion and don't want it to remember your previously opened windows, simply hold down the ⌥ key while quitting (or using ⌘+⌥+Q on the keyboard). This will make "Quit" become "Quit and Discard Windows" without having to disable it permanently using System Preferences.


Safari
File
Edit
View
History
Bookmarks
Windo
About Safari
Safari Extensions…
Report Bugs to Apple…
Preferences… ⌘,
✓ Block Pop-Up Windows ⇧⌘K
Private Browsing…
Reset Safari…
Empty Cache… ⌥⌘E
Services ▸
Hide Safari ⌘H
format.techradar.com/
Google Maps
YouTube
S / OUR VERDICT

Find your Mac is too efficient? Disable Resume.

New and improved More Info

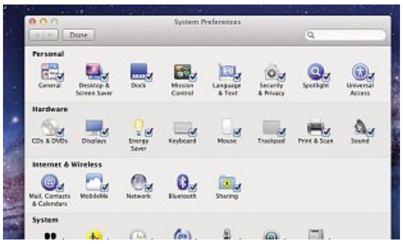
70 OS X Lion has completely overhauled the More Info option found under Apple Menu > About This Mac. You'll now get a more visual look at your system via the Overview, Displays, Storage and Memory tabs – but fear not, the old-school method is still there by clicking System Report under the Overview tab.

Display a note on a locked screen

71 Do you want your co-workers to get the message that your Mac is not to be meddled with in your absence? Head to System Preferences > Security & Privacy, select the General tab and check 'Show a message when the screen is locked.' Now type a terse but friendly note to ward off unwanted intruders or even offer contact information should your computer ever get lost.

Hide unwanted options

72 Once you've installed a few third-party apps, the System Preferences pane gets overwhelmed with options. In Lion, you can hide unwanted icons by clicking and holding on the Show All button, then selecting Customize at the bottom of the pop-up menu. Uncheck the ones you'd like to hide and click Done.



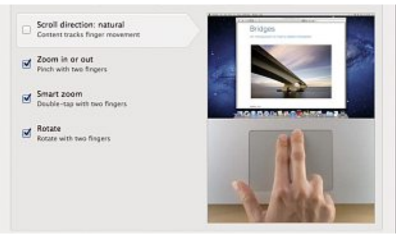
Hide away cluttery icons simply and easily.

System Preferences:

73 Resume is a great OS X Lion feature for many Mac users, as it allows you to pick right back up where you left off. However, if you'd rather boot up from a fresh start, visit System Preferences > General and uncheck "Restorewindows when quitting and re-opening apps."

Lose natural scrolling

74 Perhaps the most controversial aspect of OS X Lion is Apple's new 'natural' scrolling, which mimics iOS by tracking your finger movement. This is the opposite of the way things have worked since forever. But it's easy to get back to the old way. Go to System Preferences > Trackpad > Scroll & Zoom and uncheck "Scroll direction: natural."



☐ Scroll direction: natural
Content tracks finger movement

☑ Zoom in or out
Pinch with two fingers

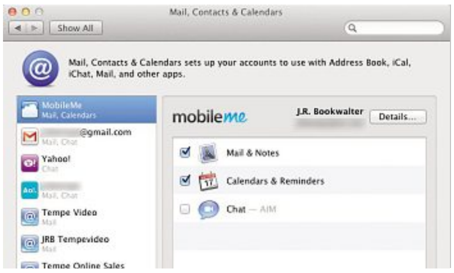
☑ Smart zoom
Double-tap with two fingers

☑ Rotate
Rotate with two fingers

Keep things going the way you like it.

Mail, Contacts & Calendars

75 Apple has added a new option to the Internet & Wireless section of *System Preferences*, to keep your email, contacts and calendar accounts in one place. For example, log into Gmail via *Safari* and OS X Lion will ask if you want to set up the account to work with *Mail, iCal* and *iChat*.



Mail, Contacts & Calendars sets up your accounts to use with Address Book, iCal, iChat, Mail, and other apps.

MobileMe
Mail, Calendars
[redacted]@gmail.com
Mail, Chat
Yahoo!
Chat
[redacted]
Mail, Chat
Tempe Video
Mail
JRB Tempevideo
Mail
Tempe Online Sales

mobileme
J.R. Bookwalter
[redacted]
Details...

☑ Mail & Notes
☑ Calendars & Reminders
☐ Chat — AIM

Keep your accounts handy and in one place.

New text to speech voices

76 OS X Lion adds a ton of new text to speech voices, but they need a download in order to acquire. Head to System Preferences > Speech > Text to Speech, then click on the System Voice pulldown and select Customize. Scroll through the massive list, click Play to preview, check the boxes for the ones you want and click OK to have them downloaded via *Software Update*.

Recent docs in App Exposé

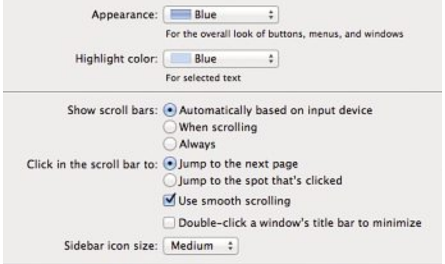
77 If you've enabled your trackpad to utilise App Exposé (as either a three or four-finger downward swipe), you will have the added ability to quickly access recent documents from many apps such as *TextEdit, Preview*, *iWork* and more. All you have to do is simply open System Preferences > Trackpad > More Gestures, select App Exposé and choose three or four fingers.

Restart with Resume

78 The ability to resume where you left off in OS X Lion is great, but it works even better when coupled with the ability to restart your computer automatically if the system locks up. To enable this option, open System Preferences > Energy Saver and make sure "Restart automatically if the computer freezes" is checked.

The scroll bar lives on

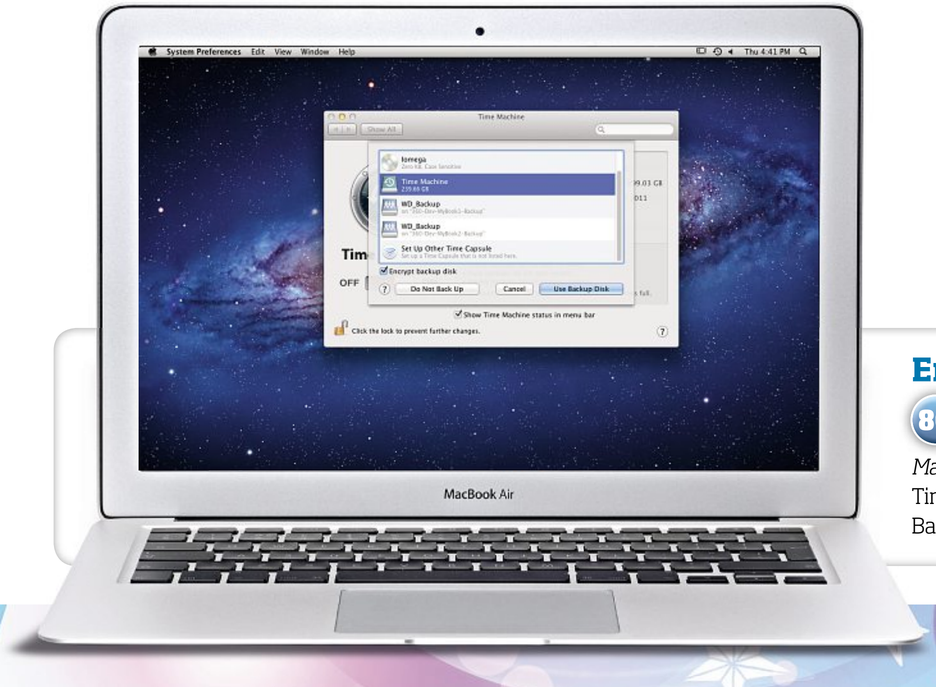
79 The new iOS-style scroll bars appear and disappear as needed. To change this back, go to System Preferences > General and for "Show scroll bars". The system will choose based on your input device, or you can show them only "When scrolling" or "Always".



Appearance: Blue
For the overall look of buttons, menus, and windows
Highlight color: Blue
For selected text

Show scroll bars: ● Automatically based on input device
○ When scrolling
○ Always
Click in the scroll bar to: ● Jump to the next page
○ Jump to the spot that's clicked
☑ Use smooth scrolling
☐ Double-click a window's title bar to minimize
Sidebar icon size: Medium

Lost your scroll bars? Here's how to get them back.



Iomega
Time Machine
WD_Backup
WD_Backup
Set Up Other Time Capsule
Set up a Time Capsule that is not listed here.
☑ Encrypt backup disk
Do Not Back Up | Cancel | Use Backup Disk
☑ Show Time Machine status in menu bar
Click the lock to prevent further changes.

Enable encryption

80 With OS X Lion's FileVault 2 encryption, users may be concerned about securing their *Time Machine* backup as well. Head to System Preferences > Time Machine, click on 'Select Disk', check "Encrypt Backup Disk", then click Use Backup Disk.

Q&A

● HINTS & TIPS ● TROUBLESHOOTING ● EXPERT ADVICE ● ESSENTIAL INFO

>> MEET YOUR Q&A EXPERT

Whatever your Mac-related problem, from misbehaving MacBooks to withering wireless, Luis Villazon can help.

>> ASK LUIS A QUESTION

Got a problem with your Mac? Then why not send your queries to Luis at **macformat.helpline @futurenet.com** and see if he can help.

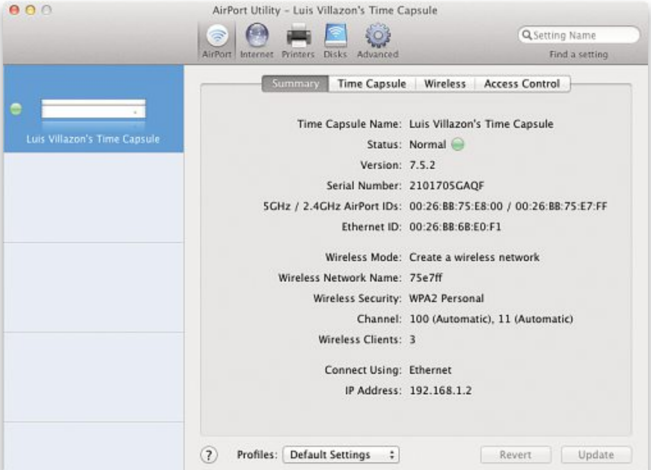
"Configuring Time Machine with 3G broadband"

Q I would appreciate some advice with a modem. Here in South Africa (I'm in Milnerton, just outside Cape Town) ADSL is still expensive. But, recently, some good deals arrived with 3G data – better speeds at lower prices. I wish to do away with my ADSL line and get a 3G broadband router/modem. I have an iMac, HP8500e copier/printer/scanner/fax, Time Capsule and an Airport Express setup with my Macbook Pro, and naturally wish to be able to reconfigure all this to run with a 3G sim card in a wireless broadband router setup. What can you suggest, as Time Capsule is dual band?

Neil Terry

A Dual band just means that it can use 2.4GHz and 5GHz frequencies, so it works with 802.11n as well as the older 802.11b and g flavours of Wi-Fi. I'd advise you to turn off the Wi-Fi function of your 3G router and plug the Time Capsule into that with an Ethernet cable. Time Capsule already includes an excellent Wi-Fi router and it's easier to configure that for your Mac using the AirPort Utility in /Applications/Utilities. All your wireless devices, including your Macs, can then connect to the Time Capsule and this will automatically route through to the wider internet via the 3G modem.

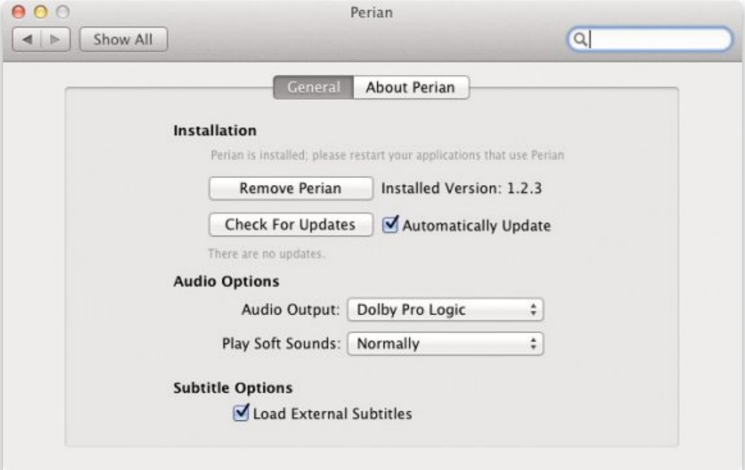
If you have a Time Capsule in your network, use it as your Wi-Fi router.



Time Capsule Name: Luis Villazon's Time Capsule
Status: Normal ●
Version: 7.5.2
Serial Number: 210170SGAQF
5GHz / 2.4GHz AirPort IDs: 00:26:BB:75:E8:00 / 00:26:BB:75:E7:FF
Ethernet ID: 00:26:BB:6B:E0:F1

Wireless Mode: Create a wireless network
Wireless Network Name: 75e7ff
Wireless Security: WPA2 Personal
Channel: 100 (Automatic), 11 (Automatic)
Wireless Clients: 3

Connect Using: Ethernet
IP Address: 192.168.1.2



Installation
Perian is installed; please restart your applications that use Perian
Installed Version: 1.2.3
☑ Automatically Update
There are no updates.
Audio Options
Audio Output: Dolby Pro Logic
Play Soft Sounds: Normally
Subtitle Options
☑ Load External Subtitles

Older versions of Perian can crash iTunes, so make sure yours is properly up to date.

"Reinstating Front Row any time soon?"

Q Can I add my voice to the multitude complaining about the way that Apple just removed *Front Row* from Lion, without any warning? Will it come back at some point? What is the best way to watch DVDs on my iMac until then?

Clare Russell

A If you upgraded from Snow Leopard, then *Front Row* never actually went away. It just stopped working because some of the core files it needed were removed. I'm not sure why. Possibly there are subtle compatibility issues with Lion, and Apple ran out of time to hunt them down before Lion shipped, so they removed the files as an interim measure. Alternatively, perhaps Apple is planning to launch a better version of *Front Row* as a paid app on the App Store and needs us to experience the pain of separation for a while first, to create demand.

There are other applications that will let you run your Mac as a media centre from your sofa. *Plex* (www.plexapp.com), for example, is free. But for my taste, it tries to do too much. Like you, I mainly just want something to play DVDs. *Ralph Perdomo* (www.mac-hatter.com/blog/frontrowenablerforlion) has pulled the missing core files out of a Snow Leopard install and bundled them up

Plex
21:48
Search
Quit
Help
Favorites
Plex Online
Video Plug-ins
Music Plug-ins
Picture Plug-ins
Applications
Preferences
Partly Cloudy 19°C
A-BUS
B-BUS

d fixes - Elan: Plex v0.9.2.6 – A little something for everyone - Elan: Plex v0.9.2.5 – All Apologies - Elan: Plex v0.9.2.4 – Solidifica

Plex is a beautiful media centre, but possibly a bit more complicated than most of us need.

with an installer to make *Front Row* work again. I have a suspicion this may be a technical violation of the EULA – and it won't play *iTunes* music, unless you downgrade to *iTunes 10.3* – but it seems like the simplest solution.

"Why do my large downloads hang in iTunes?"

Q I have a persistent problem with *iTunes* on my 3GHz iMac. If I'm downloading several large files and tick on 'Allow simultaneous downloads' in *iTunes,* then I get the spinning beach ball and cannot recover without pulling out the power lead. On rebooting I have a race to untick the option before it hangs again (it usually doesn't hang for at least 10 seconds, so it's a race you can win if you remember).

It only seems to hit large files, so downloading a TV series always triggers it; updating several apps at once often does, however a music album is usually safe. I have plenty of bandwidth (50MB broadband from Virgin) and am using wireless from an Airport Extreme. I've repaired permissions and reinstalled *iTunes* to no avail. The problem has persisted at least three years – since before Snow Leopard – and I have all the latest updates downloaded.

Christian Marshall

A This is a particularly ancient bug in *iTunes*. In fact, I first saw reports of it way back with *iTunes 9.01*. What happens is that under particular circumstances, disk access by another application while *iTunes* is downloading can cause the main hard disk volume to dismount entirely. This is like sawing off the branch you are sitting on because once the boot volume dismounts, your Mac has no access to any parts of the operating system that aren't currently loaded in RAM.

The simplest workaround for this problem is, as you have discovered, to disable simultaneous downloads. This isn't really that foolproof though. Having simultaneous downloads ticked isn't absolutely necessary to trigger this bug; it just makes it exponentially more likely to manifest. This is partly because the download period lasts for much longer and partly because there are multiple file handles open at once.

A far better solution is to check your version of *Perian* in *System Preferences*. If you have Automatically Update unticked, you might still be on version 1.0. Upgrading to 1.2.2 or later has fixed the problem completely for some people. For others, though, this wasn't enough by itself and various other plug-ins have been fingered as possible accomplices. This includes QSXEssentials, EVO, MTM, Spectrograph, DiX Encoder and DivX Decoder. Look for files in /Library/QuickTime with the .component file extension. That's the root library folder, not the one in your home folder. Apple has not marked this bug as completely resolved yet though, so exactly what causes these plug-ins to interact with *iTunes* and dismount the boot volume is still unclear.

»

Tweak Lion the easy way

Ian Osborne

The trouble with installing a new operating system is that there are always a few changes you could do without; new ways of doing things you'd rather do the old way. Lion is no exception. While OS X 10.7 has been well received, the internet is awash with *Terminal* codes for putting some things back the way they were.

But there's a better way. If you don't like mucking around with the *Terminal*, 16-year-old Norwegian independent programmer Fredrik Wiker has built an app covering some popular *Lion Terminal* hacks, along with a few older ones. *Lion Tweaks* is free, and can be downloaded from **http://bit.ly/qY1ooP**.

By default, Lion hides the user's **Library** folder. You can reach it easily enough by holding down the ⌥ key and using *Finder's* **Go** menu, but *Lion Tweaks* can make it permanently visible in your Home folder at the touch of a button. If you don't like Lion's graphical updates to *iCal* and *Address Book*, with *Lion Tweaks* you can drop the real-world metaphors for a return to the aluminium look. *iCal's* leather finish is dumped, and *Address Book's* brown book cover is replaced by a metal border, though it retains the much-criticised two-column view.

> *"The internet is awash with Terminal codes for putting things back the way they were. But there's a better way…"*

For those who still have fond memories of Leopard's 2D dock, *Lion Tweaks* can bring it back, and also shows OS X's hidden files. If you want to return to repeated inputs as the default behaviour when you hold down a key, instead of a pop-up window showing certain letters augmented by accents, umlauts and other such punctuation, you can do that too. Resume is a great Lion feature that restores previously open windows and documents when you quit and reopen an application, but if you want to switch it off for certain apps, you can. Other available tweaks include turning off Lion's *Mail* and new window animations, disabling the spelling auto-correct and permanently showing the scroll bars.

Turning these tweaks on or off is as simple as opening the Lion Tweaks application and pressing a button marked 'Yes' or 'No'. You don't have to open *Terminal* and type a code that looks like a spilled can of alphabet soup. The latest version of *Lion Tweaks* is v1.3, which adds automatic in-app updates, help documentation and a reset to default option. ●

If anyone is aware of tweaks to stop Ian drinking insane amounts of tea, filling the office with cardboard and interrupting magazine meetings with random observations, please send them in.

QUICK TIP

If you don't like the way that scroll bars fade from view in Lion the moment you actually stop scrolling, there's a setting in **General Preferences** to show them all the time.

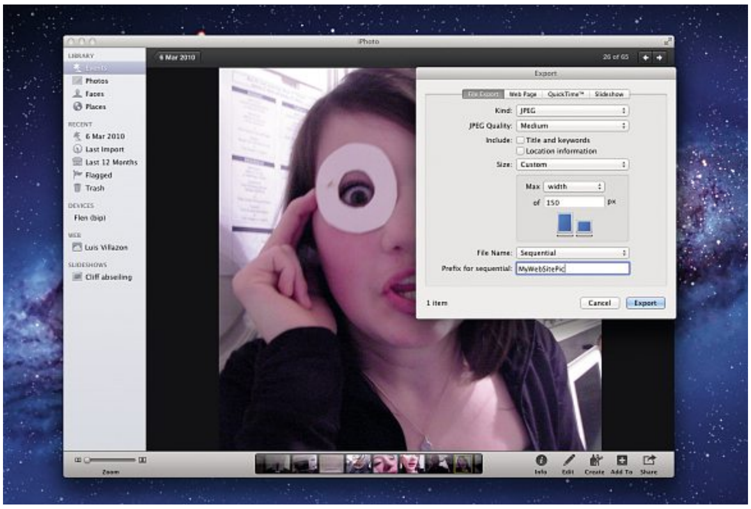
"I want to resize my images in iPhoto. But how?"

Q **I am building a website with MrSite and all images to be used therein are currently being stored on my MacBook Pro and have to be resized to 150x150 or thereabouts and uploaded to MrSite before I put them in my website.**

I cannot find anywhere in *iPhoto '08* how to make the duplicates, rename them as such to keep separate from originals – and store them in a 'resized photo' folder. I can resize by specifying the pixel size as 150x150, but don't know how to give them a new name, eg. 'logoman resized2' to easily identify them and keep them separate from the originals.

Gail Evans

A In *iPhoto*, make sure the images you want are cropped to a square shape. You can then select them all and click File > Export… Now click the Size drop-down menu and choose custom, and set the width to 150. Set Filename to Sequential and add a prefix in the box below – something like 'MyWebSitePic', say. When you click the Export button, you'll be prompted for a folder to save the files in and they will all be created, as 150x150 versions of your originals with filenames 'MyWebSitePic1.jpg', 'MyWebSitePic2.jpg' and so on.



Kind: JPEG
JPEG Quality: Medium
Include: ☐ Title and keywords
☐ Location information
Size: Custom
Max width
of 150 px
File Name: Sequential
Prefix for sequential: MyWebSitePic

No need to worry about renaming exported photos. iPhoto handles all of this for you.

"How do I replace normal text with coloured text?"

Q **Having seen the tutorial about *Pages* templates last issue, I'm hoping that you can help me with a problem I'm having. I'm working on a document that consists of repetitive lines of text. I wish to add new underlined text of a different colour. When I use find and replace, and enter the relevant details, the copies end up being black with no underlines showing. I'm having to go through the document line by line adding the amended text. Can you please offer a solution?**

George Norris

A If you click the Advanced tab on the Find & Replace dialog, you can set the style on either the Find or the Replace text. As long as you have a defined style with the colour you want, you can pick this from the drop-down list and *Pages* will match or switch to the appropriate colour.

MACFIXIT TIPS / New iCloud phishing scam targets MobileMe users

If you are a MobileMe user and are looking forward to the switch to Apple's iCloud service next month, be aware that scammers are starting to target the transition. Some MobileMe users are receiving fake emails regarding the MobileMe-to-iCloud transition; the emails request users click on links to extend their current MobileMe subscriptions.

The message purports to be from the "MobileMe team" and has the subject "Welcome to iCLOUD". It reads as follows:

Dear MobileMe member,
Please sign up for iCloud and click the submit botton [sic], you'll be able to keep your old email address and your mail, contacts, calendars, and bookmarks to the new service. Your subscription will be automatically extended through July 31, 2012, at no additional charge. AfterThat [sic] date, MobileMe will no longer be available. Click here to update iCLOUD (linked text).
Sincerely,
The Apple store Team

If you look at this email closely you will see some telltale scam indicators. For one the email calls the iCloud service "iCLOUD" (all caps), which Apple has not done. It also is sent from "no-reply@iCLOUD.com" instead of from a legitimate Apple.com email address. Additionally, it contains poor grammar and spelling errors, along with being signed by the "Apple store team", which is separate from the iCloud and MobileMe teams involved with developing iCloud. Lastly, it appears to be confusing on purpose, by asking you to sign up for iCloud but then suggesting your MobileMe account will be kept active for another year.

The link in the email points to a scam site that looks like the Apple Store, and prompts users to supply credit card information. If you are uncertain about whether an email is a scam, then an easy way to check is to visit the official website. Never click the links in an email, but go to the MobileMe or iCloud site to see if there is any information there regarding changes.

Apple always has information available through its sites. You can also give Apple a call to get clarification on announcements. Overall, this scam is nothing new, but be aware that increased efforts will target users of Apple's services, especially during transition phases when more users will be expecting news about the services they use.

MacFixIt
Troubleshooting Solutions for the Macintosh
Tips supplied by MacFixit.com

"Is it possible to transfer ebooks over to my iPad? "

Q I have a Sony reader PRS-505. I have about a dozen books in the reader library on my Mac, the books are in ePub format but have DRM embedded. I have purchased the books from an ebook store legally and I would like to transfer the books from the reader library on my Mac to my iPad 2. Is this possible to do or not?

Roger Riseborough

A The purpose of DRM is to prevent an ebook from being copied. Because there is no way to distinguish between you moving a book from your Sony reader to an iPad you own and to an iPad someone else owns, the legitimate baby simply gets thrown out with the pirate bathwater. With Adobe Digital Editions, you can move books from a Sony reader to a Nook but the iPad uses a different kind of DRM called FairPlay, and they aren't compatible.

As with MP3s, there are several commercial utilities that will strip the DRM from your ePub files. They cost around $35 (about £21) and I should stress that I haven't tried any of them, so I'll leave you to Google 'moving drm epub files to ipad' for yourself. It's a somewhat cloudy legal area, but provided you are moving files you own to a device you own, you probably aren't doing anything worse than breaking the strict letter of an EULA.

MACFIXIT TIPS / Fix Lion Wi-Fi autoconnect problems

A problem some users have had with OS X Lion is Wi-Fi not autoconnecting when waking from sleep, or performing other tasks where the Wi-Fi connection is cut and needs to be re-established. If this happens, try the following:

1. New location

Create a new network configuration in the Network system preferences. Select **New Location** from the **Location** menu, and click the plus button to add your ports (Wi-Fi, Ethernet and so on). Configure them, and see if the problem with the connection persists.

2. Remove keychain entries

In OS X passwords are stored in the user's keychain, and if there is a problem with them or with accessing them, then the Wi-Fi connection may not be established. Therefore, open *Keychain Access* and remove any keychain entries that are associated with your Wi-Fi networks, and try connecting again to save your passwords for these networks.

3. Remove AirPort configuration property list

Problems with system services can happen after an upgrade if corruption has occurred in the configuration files associated with those connections. In the case of Wi-Fi, the options for auto log-in and other details about a specific network are saved in a configuration property list at this location: **/Macintosh HD/Library/Preferences/System Configuration/com.apple.airport.preferences.plist** Disable AirPort in the menu bar, go to that folder and remove the **com.apple.airport.preferences.plist** file, and then re-enable AirPort. This will create a new configuration file that will not have residual settings or options from your Snow Leopard installation, and therefore may prevent the autoconnect problem from occurring. This issue is not related to Wi-Fi connections dropping, but the solutions may help re-establish connections.

MacFixIt
Troubleshooting Solutions for the Macintosh
Tips supplied by MacFixit.com

"What's the best way to sync my contacts?"

Q My MobileMe subscription ran out recently, and I have been looking into alternatives. I currently use Google to sync my contacts, calendar and email between my iMac and my iPad at home. This seems to work okay, apart from the Groups in Contacts, which appear on Google but nowhere else. I am thinking about getting a smartphone to allow me to sync my contacts, calendar and email with my iMac and iPad, and ideally also with the Windows PC I use at work. I am considering a Windows 7 Phone, as I'm not bothered about having a lot of apps and the operating system looks ideal for what I need, and I also have a Windows Live ID and email address, which I would prefer to use as my main email address rather than Gmail if possible. Do you have any suggestions for the best way to sync all of these devices and systems? Is iCloud likely to be of any use for this? Should I just use Google to sync between them all? I notice that ActiveSync can be used to sync from Windows Live to an iOS device, so not sure if I could sync back to Google that way? Your advice would be appreciated!

Laura Ellington

A Syncing between different platforms is nearly always possible, with enough conversion utilities and helper apps, but it's much easier not to swim against the current. If you want to use an iPhone, sync through iCloud. If you have an Android phone, use Google. For Windows 7 phones, stick with Outlook. I'll probably get feedback describing the precise arrangement of sellotape and string that connects device A to calendar B but, in my experience, these lash-ups are rarely worth it.

"Why does my MacBook no longer sleep?"

Q After installing Lion, my late 2007 MacBook does not go to sleep when closing anymore. Help!

Richard

A Three things will prevent a MacBook from sleeping under Lion. The least likely is that you have an external monitor plugged in. You'll need to disconnect it before the MacBook will sleep. Or, the MacBook may refuse to sleep if the power cord is connected and the battery is not fully charged. Uplug it when you close the lid and reconnect it. But probably the most common cause is Internet Sharing. If this is enabled your MacBook may refuse to sleep.

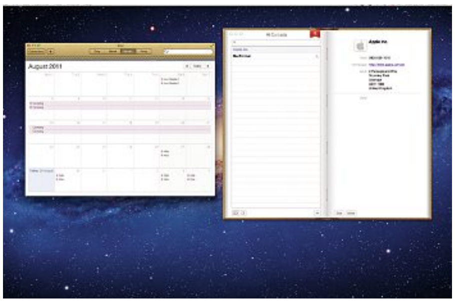
At the moment, it looks as if these things are bugs, rather than designed behaviour, so we will cross our fingers and hope for a fix in a future update. »

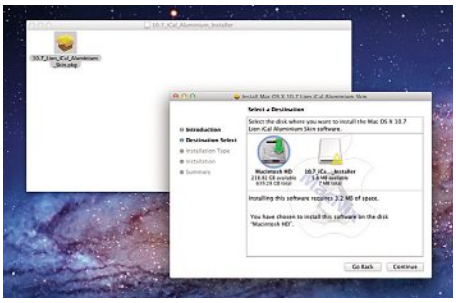
QUICK TIP

By default, the status bar in *Finder* is turned off in Lion. This prevents you seeing how many files are in the selected folder. Turn it back on: View > Show Status Bar.

Some MacBooks won't go to sleep with their power cord plugged in.

HOW TO / How do I get rid of the stitched leather effect in iCal?

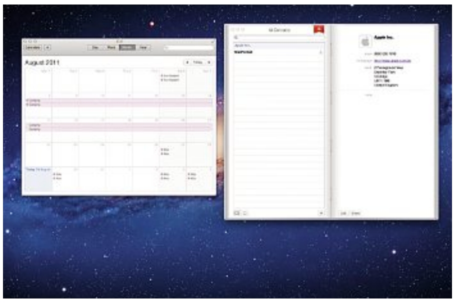




Select the disk where you want to install the Mac OS X 10.7 Lion iCal Aluminium Skin software.

Installing this software requires 3.2 MB of space.

You have chosen to install this software on the disk "Macintosh HD".



01 The problem

One of the 250 improvements in Lion is the reskinning of *iCal* and *Address Book* to give them a stitched leather effect. If you want a different look, you can download new replacement skins that approximate the brushed-steel look of Snow Leopard.

02 The solution

The installer can be located on a page over at the MacNix site. Just go to **http://tinyurl.com/3jpry77** and follow the instructions. The skins are free, but donations are welcomed. Once it has installed, restart *iCal* and *Address Book*.

03 A sensible precaution

The skins shouldn't change your data but in case something goes wrong, back up the original **iCal.app** and **Address Book.app** from the **Applications** folder. If you don't do this, you'll need to use *Time Machine* or reinstall Lion to recover the official skin. ●

QUICK TIP

If you don't want Lion's somewhat unhelpful All My Files view to show up in the *Finder* sidebar, remove it by holding ⌘ down and dragging it out of the sidebar.

"All I want to do is import high-def video..."

Q **I now have a Panasonic HDC-SD900 video camera that can shoot in 1080/50p format. Is there any software that will talk to this format natively or will it have to run through a conversion programme? I haven't come across any reports on *Final Cut Pro X* that mention 1080/50p. I am also aware that my graphics card would have to be changed to run it anyway. I don't really want to have to spend more than the camera cost just to edit the footage. If *Final Cut Pro X* can talk to 1080/50p, which graphics card would you recommend for my setup? Any help would be gratefully received – thanks!**

Pete Barber

A What 1080/50p means is that there are 1080 video lines in each frame and 50 frames per second. The p means it is 'progressive'. Therefore, this translates as each frame displays the entire picture, rather than just alternating odd- and even-numbered lines, as is the case with an interlaced format. 1080/50p and its American cousin, 1080/60p are both outside of the specification for the AVCHD video format. In order to

MACFIXIT TIPS / Look up that old Mac: Mac model databases

Looking up old Mac models can be fun. If not for nostalgic reasons, you might be needing to help someone revive an old Mac and wish to look up some of the specifications and capabilities of the system. For instance, if you have some spare RAM modules and wish to see if they can be used in an old Mac, then checking the Mac's RAM type as well as its maximum supported RAM may be useful. You can always use a search engine to find information about an old Mac system, but it's also useful to have a central resource or two where models are listed. So, for those who like to have information on past Apple products, here are some recommended resources:

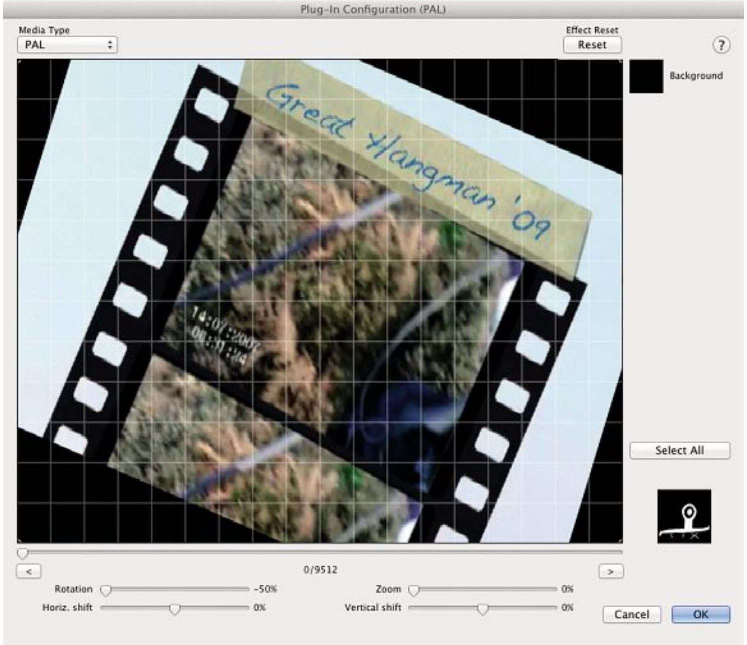
1. Apple-History (www.apple-history.com)
This simply designed site is basically a database that covers past Mac modes. The site offers options to sort products by release date, product family, and the processor used in them.

2. Shrine of Apple (http://shrineofapple.com)
This is a new Apple product site, and while the name may be a bit amusing and definitely thought up by die-hard Apple fans, the site does actually have quite a bit of useful information about Apple products, including some very high-quality images of practically every Apple product on the site. The site's design is rather elegant and systems are categorised by product family. While it's not as complete as Apple-History, it does offer more details on non-Mac products such as displays and disk drives that Apple has offered.

3. MacTracker (http://mactracker.ca)
This is another good option for looking up past Apple products. It's a free application that has a regularly updated database of Macs, servers, software, and peripheral devices. MacTracker is perhaps the most extensive and complete database of Apple products that you will come across, and it has a number of neat features like offering links to firmware updates and instructions on user-upgradable components like memory. A great and thorough option for your Mac research.

Tips supplied by MacFixit.com
MacFixIt, founded in 1996 by Ted Landau, has grown into the premiere destination for users seeking resolutions to bugs and conflicts. Visit **www.macfixit.com** for the latest Mac information.

MacFixIt
Troubleshooting Solutions for the Macintosh



Useful little plug-ins, such as 'align and straighten', are why iMovie HD justifies its place on your hard disk. And you never know just when they might come in handy.

edit them, you will need to convert your footage first. The best way to do this isn't immediately obvious, so having asked around a bit, it seems that *Aunsoft Video Converter for Mac* is the best utility for this task. You can download it from www.aunsoft.com/video-converter-mac and it costs $35 (about £21). If you are editing in *Final Cut Pro*, choose the Apple ProRes codec when you convert your footage, or Apple Intermediate codec for *iMovie*. If you do use *iMovie* and you want to preserve the 50 frames per second output, you will also need to open *Terminal* and enter `defaults write com.apple.iMovie8 videoFrameRate 50.000`. You may also need *Perian* installed – I'm not completely sure, to be honest, but do try it and see.

"How can I straighten up my holiday movies?"

Q On a recent holiday this summer, I shot a bit of high-definition video. When I uploaded it into *iMovie*, I discovered I had developed a list to port, and some of the shots of the horizons were not particularly straight.

Is there any way that this can be rectified in *iMovie*? I have tried to find a way but have been really unsuccessful so far.

Kevin Peck

A *iMovie* only allows you to crop your footage or rotate it in increments of 90 degrees. Unless you fell all the way over onto your side in a particularly amusing comedy manner, this isn't going to be much use. However, *Final Cut Pro* enables you to do this sort of additional editing using plug-ins but, unfortunately, *iMovie* doesn't support plug-ins… anymore. Wait a minute! 'Anymore'? Didn't the old *iMovie HD* allow plug-ins? Why yes, it did. In fact there was one called Align and Straighten that did exactly what you needed it to do. And, luckily, it turns out that it is still available from www.imovieplugins.com for $6.50 (about £4).

So all you need now is a copy of *iMovie HD*. And luckily you should have that too, because it's installed by default in Applications/iMovie (previous version). Download the plug-in and use the installer that comes with it. Import your video clips and click the Editing tab above the timeline. The plug-in will appear in the Video FX section under 'cf/x (universal)'. Click the Configure button and you'll jump to the interface where you can drag the slider left or right to straighten up your clip. Then you can go back to *iMovie '09* or *'11* and use File > Import > iMovie HD Project to move your perfectly straightened footage back into the modern app and carry on editing. ●

On the forum

Help and advice from readers

Q I am using *Pages '09* and Snow Leopard. Whenever I type a word that is spelt differently in the US, it underlines as incorrect and the suggestion is the US spelling. In the *System Preferences* language and text pane I have spelling set as British English. How can I make *Pages* recognise the correct spelling?

mcf_IJP Join Date: Sep 2009 Location: Leicestershire England Posts: 10

A Is British English set as the default for OS X? Go to System Preferences > International (or Language & Text in Lion) and edit the list so British English is the only one ticked. Log out and back in or restart your Mac. Also, check the Text Inspector More tab and set the language.

mcf_Peggy Join Date: May 2004 Location: Kent, Washington, USA Posts: 266

Q I have confirmed that British English is set as my default language and found how to set British English as the language for styles, but this only seems to work for the current document and any new documents default to US English.

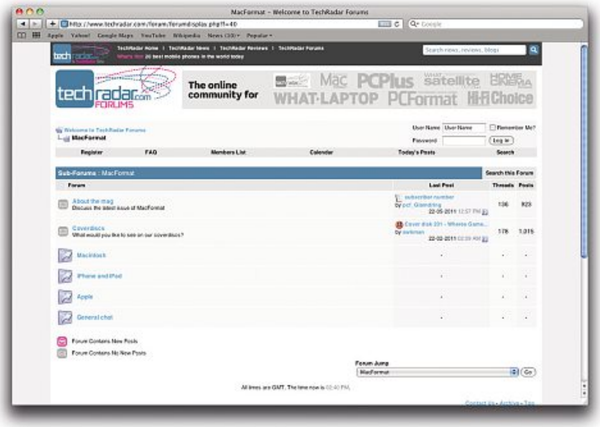
mcf_IJP Join Date: Sep 2009 Location: Leicestershire England Posts: 10

A You could set up your own default template with the styles you want and set that as the one for new templates. But I don't think that's necessary. It seems your Mac is confused about where you are…

mcf_Peggy Join Date: May 2004 Location: Kent, Washington, USA Posts: 266

A If you go to System Preferences > Language and Text > Language is 'British English' higher in the list than 'English'? If 'British English' is not in the list click 'Edit List' and select it to make sure it is at the top of the list in the language pane. In *Pages* (when displaying a blank page) click the Inspector, select the Text Inspector, and then More and the language selected should be 'British English'. You can also check using *TextEdit* go to TextEdit > Edit > Spelling and Grammar > Show Spelling and Grammar. Make sure 'British English' is selected.

mcf_Macdonkey Join Date: Feb 2010 Posts: 64



Join our forum and join in the fun at **http://forum.macformat.co.uk**

100
tricks & tips
for iPad 2
From the makers of...
Tap!
Mac|Life
techradar.com
Deep into technology

Love this mag?
LOVE OUR APPS!

T3 the world's greatest gadget magazine | iPad: The Essential Handbook | 100 tricks and tips for iPad 2 | The Essential iLife '11 Handbook | MacFormat magazine

Get them at:

www.myfavouritemagazines.co.uk/apps

Available on the App Store

"The Orbitsound T12v3 delivers surprisingly good mid-range and treble sound quality for the money"

ORBITSOUND T12V3 REVIEWED ON P89

In this issue...

HARDWARE

Kingston Wi-Drive 16GB 86
Seagate GoFlex Satellite 86
Fujifilm X100 87
HP LaserJet Pro 100 Color MFP M175nw 88
Wacom Bamboo Fun Pen & Touch 88
Orbitsound T12v3 Soundbar 89
Notebook bags round-up 90
KB Covers 92
Proporta Quillit 3 in 1 Stylus Pen 92
Eye-Fi Mobile X2 92
Fuji FinePix F550 EXR 92

SOFTWARE

Photoshop Elements 10 94
AgileBits 1Password 3.9 96
Telestream Screenflow 3.0 96
Parallels Desktop 7 for Mac Switch To Mac Edition 97
Adobe Premiere Elements 10 98
Studio Mee SketchMee 1.4 100
Launchpad-Control 100
LaunchpadCleaner 2 Pro 100

GAMES

Duke Nukem Forever 102
Colin McRae: DiRT 2 103

iOS APPS

4oD Catch Up 104
VideoMask 104
Our Choice 104
FX PhotoStudio 104
Demand 5 105
Historypin 105
PingMe Messenger 105
Dolphin Browser (HD) 105
NyxQuest HD 107
Contre Jour 107
HowStuffWorks iPad 108
Rightmove 108
Banksy Bristol Tour 108

GROUP TEST

Backup applications 110

Reviews

HARDWARE • SOFTWARE • iPHONE APPS • SHAREWARE • GAMES

Ian Osborne
Reviews Editor

Adobe's *Photoshop Elements* has come a long way since its early days as a cut-down, affordable version of *Photoshop* for the non-professionals. Over time it grew into a significant application in its own right, and a real boon for photographers. Its sister software, *Adobe Premiere Elements*, fills a similar niche, offering consumer-level video editing for those who neither want nor need its pro-level parent, *Adobe Premiere Pro*. This month sees both *Elements* applications reach Version 10. Is it time to take that step up from *iPhoto's* editing options and *iMovie*? Find out with our full reviews on pages 94 and 98.

Wacom has built an excellent reputation as the leading manufacturer of graphics tablets. As its popular entry-level Bamboo series reaches its third generation, we take a look at what new features it has to offer over on page 88.

If you're struggling for storage space on your iPad, the answer to your problems might just be on page 86, with Kingston's Wi Drive and Seagate's GoFlex Satellite portable drives.

» OUR LOGOS

Mac FORMAT Choice ★★★★★ — A product that receives the MacFormat Choice award is the best in its class when reviewed.

Mac FORMAT Winner! — Used in our Group Tests, MacFormat Winner indicates the product that we feel stands out.

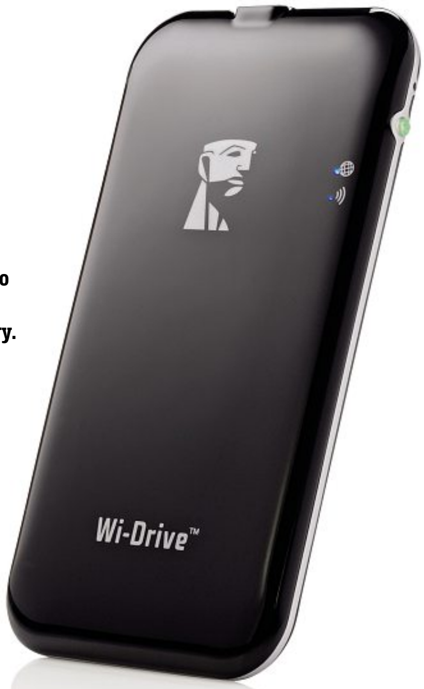
Mac FORMAT On the disc — This logo indicates there are either test versions or files associated with the review on the disc.

RATINGS EXPLAINED: ★★★★★ Excellent ★★★★☆ Very good ★★★☆☆ Good ★★☆☆☆ Adequate ★☆☆☆☆ Poor

>> WIRELESS-CAPABLE PORTABLE DRIVE

Kingston Wi-Drive 16GB

£89 Is this the easiest way to increase your iOS device's capacity?



CONTACTS

Manufacturer: Kingston Technology Corporation
http://widrive.co.uk

SPECIFICATIONS

Capacity: 16GB **Disk:** 2.5-inch
Interfaces: USB 2.0, Wi-Fi g/n
Dimensions: 6.2x0.9x12cm
Works with: iOS 4.2+ **Weight:** 85g

PROS & CONS

- ⊕ Solid-state reliability
- ⊕ Slim and portable
- ⊕ Internet connection bridging
- ⊖ Limited storage capacity

VERDICT

★★★☆☆

"A great way of sharing media, but not much storage for your money."

Whichever capacity iPad, iPhone or iPod touch you buy, you eventually run out of space, especially if you carry around lots of music or movies. Kingston's Wi-Drive gives you an extra 16GB or 32GB. This portable USB drive has a four-hour-rechargeable internal battery and wireless capabilities; you can store digital media and access it over Wi-Fi using your iOS device or Mac.

Wi-Drive uses embedded flash memory, so it's very light and portable. When connected to your Mac through USB it functions as an external drive; transferring files is as simple as dragging and dropping. You can also access the drive from your Mac using Wi-Fi, but not copy to it. Enjoying your Wi-Drive's media on an iOS device using the free app or a web browser is equally straightforward, and at least three people can connect to it at the same time and access the same song, movie, document or photo. You can't currently copy to or from the Wi-Drive from your iOS app, but this is coming with an imminent firmware update. Internet connection bridging lets you go online while still connected to the Wi-Drive too.

The Wi-Drive is small and light enough to comfortably carry around in your shirt pocket, thanks to its use of flash memory.

Unfortunately, there are two major drawbacks. You can't use third-party apps to open Wi-Drive files, so you're generally limited to file types that iOS natively supports. This will also be addressed by the planned firmware update, but at the moment, you can't (for example) watch an AVI stored on the Wi-Drive using the *Azul* media player. Also, an extra 16GB or even 32GB of storage might not go far if you want to carry around a lot of data.

Laurence Cable

>> WIRELESS-CAPABLE PORTABLE DRIVE

Seagate GoFlex Satellite 500GB

£160 Take your media library with you, and enjoy it on your iOS device

CONTACTS

Manufacturer: Seagate Technology
www.seagate.com

SPECIFICATIONS

Capacity: 500GB **Disk:** 2.5-inch
Interfaces: USB 3.0, Wi-Fi b/g/n
Compatibility: Mac OS X 10.5.8 or later, iOS 4 or later **Dimensions:** 8.2x2.1x12.8cm **Weight:** 272g

PROS & CONS

- ⊕ Huge storage capacity
- ⊕ Replaceable connector
- ⊕ Works with third-party apps
- ⊖ No internet bridging

VERDICT

★★★★☆

"Capacious and versatile: the GoFlex is the perfect iOS travelling companion."

Like the Wi-Drive reviewed above, GoFlex Satellite 500GB is a portable storage device with built-in Wi-Fi, so you can store media and data files on the drive and enjoy them on any Wi-Fi device. But Seagate's drive differs from Kingston's in several key areas.

The GoFlex Satellite has USB 3.0 cabled connectivity, which is backwards-compatible with the Mac's USB 2.0 ports. You can buy an optional FireWire 800 interface, and Thunderbolt is promised soon. As it uses the NTFS format, before your Mac can write to it you need to install an NTFS driver; fortunately this is included in the box.

As the Satellite uses a hard drive it's bulkier and heavier than Wi-Drive, but you get a lot more storage for your money. A built-in accelerometer shuts down the drive to protect it against sudden knocks or falls. Battery life is around five hours, and up to three Wi-Fi-enabled devices can connect at any one time.

GoFlex Satellite isn't as slim as the Wi-Drive, but it has a bigger capacity and is more versatile.

The GoFlex Satellite's iOS application lets you open your media in third-party apps, so you're not restricted to file types iOS can natively read. If, for example, you have an ebook that won't open in *iBook* but will in *Stanza*, or a movie that can't be viewed in *Video* but can in *Azul*, you can enjoy them from the Satellite using these apps. You can't currently go online while connected to the Satellite, but we're told this is coming in an upgrade.

Although it's almost twice as expensive as the Wi-Drive, it could be argued that the GoFlex Satellite's greater capacity and versatility make it better value for money. If you don't mind the weight gain, that is.

Laurence Cable

FUJIFILM
X100
MADE IN JAPAN
AE
AF
VIEW MODE
000004
M 1/500
F5.6
ISO 400
AFL AEL
DRIVE
MENU OK
WB
DISP BACK
FUJINON ASPHERICAL LENS
SUPER EBC f=23mm 1:2

Wonderful classic design and terrific build quality, but that's just not quite enough.

Photography by Dave Caudrey

>>DIGITAL CAMERA

Fujifilm X100

£940 A stunning camera that can take superb photos – so why doesn't it score higher?

Normally, 'retro' is a kind of designer afterthought, something that a company's marketing department persuades the designers to slap on a product.

With the Fujifilm X100, though, 'retro' runs deeper than the pretty, chunky black and silver design. With its physical dials for shutter speed and exposure compensation, optical viewfinder and odd menu structures, it feels like a film camera.

In fact, its unusual handling means anyone used to either friendly point-and-shoot compacts or sophisticated DSLRs will find it a confusing camera to get to grips with. Then again, if you've never bought digital before you may feel at home.

For the rest of us, though, it's an unsettling experience. Where's aperture and shutter priority mode? You'll find it if you read the manual. Where's the auto ISO control? Buried in a menu – but clever when you find it. Where's the zoom? There isn't one. What other lenses can I attach? You can't; the 23mm lens – the equivalent of 35mm on a 35mm film camera – is fixed. And so on.

Some things, though, are just lovely. The viewfinder, for example, can be easily toggled between a high-resolution electronic display, or a clever optical mode. In the latter you look directly out of the front of the camera, but with a fighter-jet-style HUD overlaying information.

> *"With the Fujifilm X100, its 'retro' runs deeper than the pretty, chunky black and silver design"*

Photos, too, are beautiful; everything's sharp, unless you're shooting macro towards its maximum f/2. Especially impressive is the X100's performance in low light. Even at high ISO, noise is low, and colours are either neutral or punchy depending on whether you pick the Provia (default) or Velvia film simulations. There's native support for its raw format in OS X too. (Video is nothing special, mind you.)

Despite some awkward handling – an 'OK' button that's a devil to press, for example – this is a rewarding camera. It's just a shame that it costs so much. Few people could justify it over a comparably capable DSLR or EVIL camera for half the price.

Christopher Phin

CONTACTS

Manufacturer: Fujifilm
http://fujifilm.co.uk

SPECIFICATIONS

Resolution: 12.3mp **Lens:** 23mm (35mm equivalent), f/2-f/16 **File format:** JPEG, raw, H.264 **Card type:** SD, SDHC, SDXC **Dimensions:** 126.5x74.4x53.9mm **Weight:** 445g

PROS & CONS

- ＋ Can take great photos
- ＋ A beautiful object
- − Odd handling
- − Unjustifiably high price

VERDICT

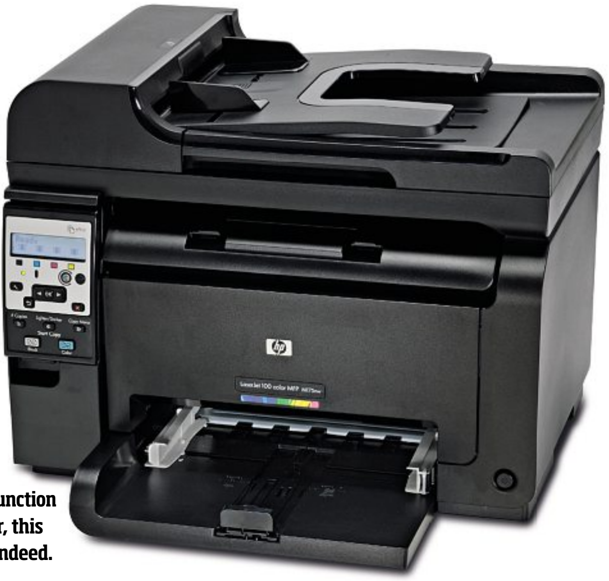
★★★☆☆

"Takes superb pictures, but odd handling and a high price serve to irk."

>> WIRELESS LASER PRINTER

HP LaserJet Pro 100 Color MFP M175nw

£233 Is this low-cost printer a false economy?



For a multifunction laser printer, this is compact indeed.

CONTACTS

Manufacturer: HP
www.hp.com/uk

SPECIFICATIONS

Resolution: 600x600dpi **Paper capacity:** 150-sheet **Dimensions:** 44.1x42.1x33.8cm **Weight:** 16.2kg

PROS & CONS

- + Cheap to buy
- + Small and compact
- − Mediocre performance
- − Tricky to set up

VERDICT

★★☆☆☆

"Although cheap and versatile, it's awkward to set up and very slow."

Laser printers offer three key advantages over the more common inkjet: high print speeds, cheap running costs and stellar text quality. Unfortunately, HP's LaserJet Pro 100 Color MFP M175nw printer, scanner and copier fails to excel in any of these areas.

It's far from fast. Our 20-page test document took over five minutes to print – a poor result considering a HP Officejet inkjet printer can manage it in less than two. Nor is it cheap to run. With 1,200-page black toner costing £55 per cartridge and its three 1,000-sheet colour cartridges £59 each, a text printing costs almost 4.6p per page and colour prints over 20p. This is expensive for a laser printer. We've no complaints about the quality of its text printing, but it's nothing you couldn't achieve with an Officejet or a Canon pigment-black inkjet. It isn't suitable for photo printing either.

Setup can be problematic. The installer software used to connect it to your Wi-Fi network doesn't run in Lion and is flaky in Snow Leopard. Chances are you'll have to do it manually, which isn't easy if you're not used to Wi-Fi networking. It also lacks a card reader, has only manual Duplex and a two-line mono LCD screen.

On the positive side, it offers Ethernet and USB, has a small footprint, and offers AirPrint, ePrint and direct wireless printing. Even so, there's little reason to buy it over a similarly featured inkjet MFD.

Ian Osborne

>> TOUCH TABLET

Wacom Bamboo Fun Pen & Touch

£90 Get more creative with a touch tablet

The Bamboo's battery-free pen is well weighted and easy to use. Three replacement tips are included.

CONTACTS

Manufacturer: Wacom
http://bamboo.wacom.eu

SPECIFICATIONS

Resolution pen input: 2,540lpi
Tablet dimensions: 278x176x11mm
Tablet weight: 419g

PROS & CONS

- + Draw and paint with precision
- + Ideal Magic Mouse replacement
- − Learning curve can be steep
- − Touchpad response can be slow

VERDICT

★★★★☆

"A great way to unleash your creativity, but it could be more responsive."

Thanks to OS X Lion we're all getting used to the idea of using gestures to do things on the Mac, but you can quickly hit the limit of what multi-touch can do – especially when you want to paint, draw or customise your photos. And that's where Wacom's Bamboo Fun Pen & Touch comes in.

Designed to match the MacBook's look and feel, the Bamboo Fun Pen & Touch is a family-friendly graphics tablet that combines the usability of multi-touch with the precision of pen. The small version of the tablet we tested includes *Adobe Photoshop Elements 8* and *Art Rage 3.0*, which are available for download once you register the tablet with Wacom. Children will love the growing range of fun creative apps and games available too. Other goodies include a new wireless option (£35) so you can doodle USB cable-free. The supplied driver software also includes a good range of customisation options, including the ability to change the firmness of the pen's eraser and tip.

In use, the Bamboo Fun Pen & Touch works very well and it can be easier to find your way around OS X than with a mouse or Magic Trackpad.

But it's with creative apps that the Bamboo Fun Pen & Touch really comes into its own. The amount of control you can get with the pen is staggering – applying more downward force on the pen applies more ink or pencil to the 'paper' just like the real thing. Unfortunately the same can't be said of the multi-touch capabilities of the tablet, which can be slow to respond to gestures like pinch-to-zoom. But overall the Bamboo Fun Pen & Touch is a winner.

Rob Mead-Green

>> iPOD SPEAKER DOCK

Orbitsound T12v3 Soundbar

£299 A speaker dock that promises 'spatial sound without the extra speakers'. Does it measure up?

Home cinema soundbars are increasingly popular these days and it's easy to see why – they're a relatively cheap, simple and family-friendly way for people to enjoy better sound quality than they would get from the speakers in their TV. And in the Orbitsound T12v3's case, you end up with a handy iPod/iPhone speaker dock as well.

Now in its third generation, the Orbitsound T12v3 aims to stand out from its rivals by offering 'spatial sound' as opposed to regular stereo or surround sound. The aim is to eliminate the 'sweet spot' that normally forces you to sit in a particular part of a room to get the best sound effect, effectively enabling you to sit anywhere. It does this by using its main soundbar speaker complement to fire forwards, while spatial array speakers at either end fire the difference between the left and right audio channels sideways. An improved passive subwoofer also joins the fray to add some much needed welly.

The catch, of course, is that the Orbitsound doesn't really do stereo or surround sound, but presents you with a Phil Spector-ish wall of sound instead. That's okay for regular telly viewing or even for music to a certain extent, but it can limit enjoyment of the surround steering effects you expect from Hollywood blockbusters.

That's a shame, but not unexpected, so what about sound quality instead? Here the Orbitsound fairs much better, delivering surprisingly good mid-range and treble sound quality for the money. The problem is the subwoofer lets the side down rather badly. It's both domineering and boomy and you have limited room to manoeuvre when it comes to calming it down: you can tweak the bass volume using the remote or you can physically move the sub further away from walls or corners, and that's it.

> *"The Orbitsound T12v3 offers 'spatial sound' as opposed to regular stereo or surround sound"*

Our other complaint lies with the limited outputs. The iPhone 4 can deliver 720p video via component and HDMI connections, yet the Orbitsound only has composite video on board. That's disappointing, but not unexpected given the price.

Rob Mead-Green

CONTACTS

Manufacturer: Orbitsound
www.orbitsound.com

SPECIFICATIONS

Drive units: 2x1mm tweeter, 4x2.5-inch mid-range drivers, 2x2-inch full-range spatial array drivers (soundbar), 1x6.5-inch woofer with tuned bass reflex port (subwoofer) **Maximum output:** 180W **Frequency range:** 40Hz-16kHz **Inputs:** 2x RCA, 1x3.5mm audio jack, 2x digital **Outputs:** 2x composite video **Dimensions:** 100x605x110mm (soundbar), 460x230x230mm (subwoofer) **Weight:** 8kg

PROS & CONS

- ⊕ User-friendly, easy to set up
- ⊕ Good quality for the money
- ⊖ Spatial effect not great
- ⊖ Better-sounding rivals exist

VERDICT

★★★☆☆

"It's smart, slim and packs a lot of punch, but it's far from perfect."

orbitsound T12

The Orbitsound T12v3 is an ideal replacement for your TV's tinny speakers. Just don't expect it to blow you away.

01
02
03
FNATIC
SLAPPA

Words: Ian Osborne **Photography:** Joe Branston

Over the shoulde

We find the smartest ways to carry your MacBook around town

After spending hundreds of pounds on a shiny new MacBook, MacBook Pro or MacBook Air, it makes sense to get a decent notebook bag to carry it around in; a bag that's comfortable to use, even after an hour on your shoulder; a bag that secures and protects your notebook, keeping it safe from the inevitable bangs and scrapes; a bag that looks as stylish and fashionable as your Mac, not something a PC geek keeps his packed lunch in.

Here are seven of the best over-the-shoulder notebook bags, rather than rucksack-style backpacks (which we'll no doubt cover in a future group test).

>> BE-EZ

LE reporter

£57 www.be-ez.com

01 Available in black and mustard or grey and blue, the LE reporter for 13- or 15-inch notebooks features robust double stitching and a range of accessory pockets. It's ideal for your notebook and a few extra bits and pieces, but don't expect it to hold everything you need for a weekend away. The LE reporter's waxed finish keeps it safe in the rain. Its velcro-secured front flap has a zip pocket for easy access. You can't detach the shoulder strap and there's no top-mounted briefcase handle, but it's comfortable and attractive.

VERDICT

★★★½☆

"Solid but unspectacular, the LE reporter is an ideal everyday notebook bag."

>> BELKIN

Suit Line Collection Top Load

£23 www.belkin.com/uk

02 This one's at the no-frills end of the laptop bags market, but it's good value for money given the price. It has a padded section for your 13- or 15-inch notebook, and a second compartment for books and documents. There's not a lot of room for accessories, but you can fit your charger and maybe a portable HDD in there. If you're looking for an inexpensive office briefcase rather than a travel bag, it won't disappoint.

VERDICT

★★★☆☆

"Not as robust or well made as some of the others, but not bad value given the price."

>> SLAPPA

Kiken

£95 www.slappa.co.uk

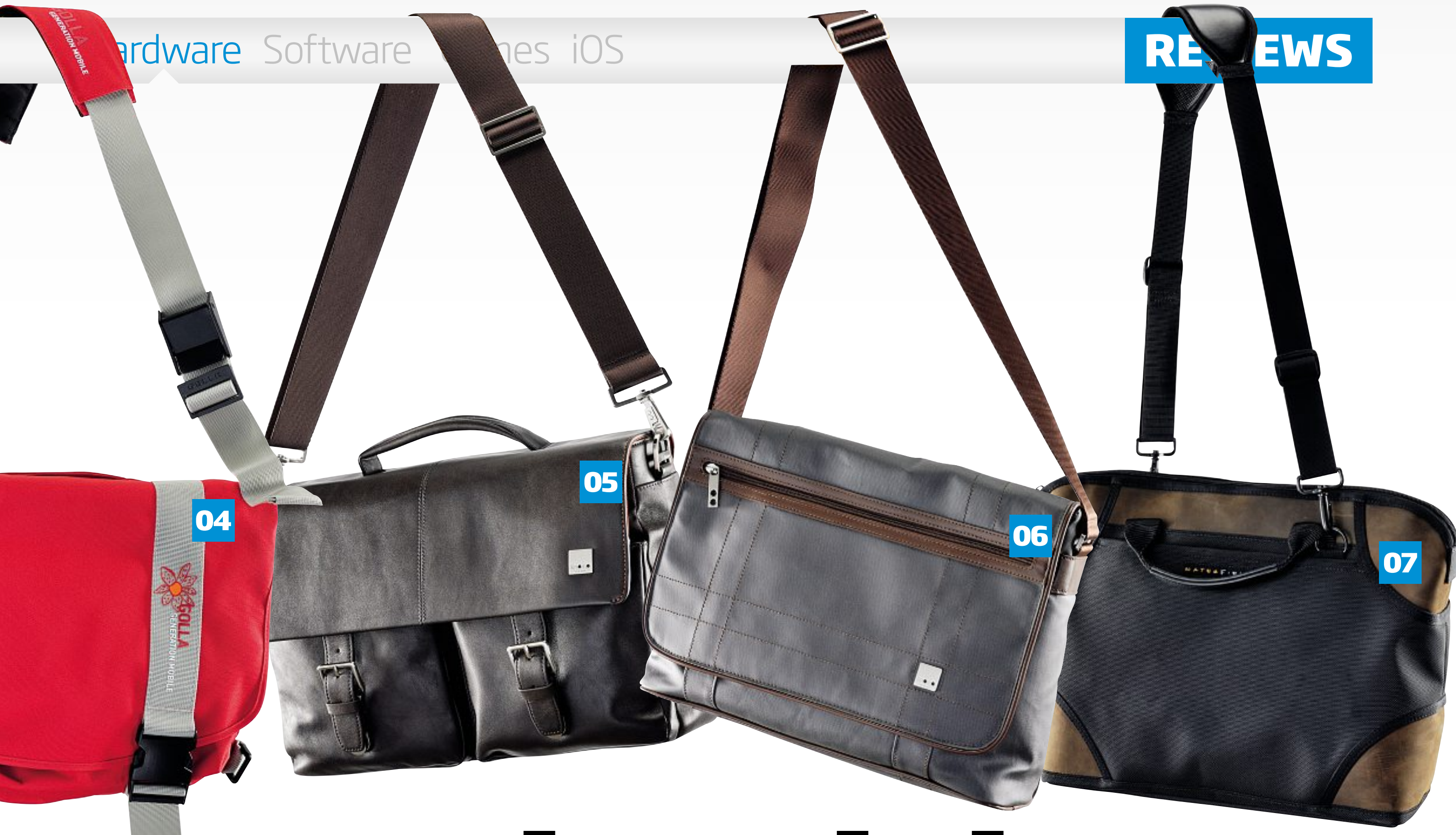
03 If you get bored with the Kiken's sober-but-stylish looks, you can zip off the front flap and replace it with something different (alternative fronts are sold as optional extras), but with its heavy black nylon and gorgeous crimson interior, it looks great as it is.

It can hold a MacBook of any size, and has plenty of pockets for accessories. In fact, it's big enough to use as an overnight or weekend bag. Our only complaint is the padded manufacturer's logo on the back is a little intrusive. But overall, the Kiken is great.

VERDICT

★★★★½

"A versatile and robust bag for those with a lot to carry around. Excellent design."



er notebook bags

>> GOLLA

Messenger 16"

£45 www.golla.com

04 The budget-priced Golla Messenger has a padded section for your notebook (16-inches or smaller) and a sizable interior, but few pockets for accessories. Its integrated, non-detachable shoulder strap isn't as comfortable as some of its rivals, but a removable waistband keeps the bag in place for longer journeys.

Its vivid red livery with grey trim and big, solid buckles certainly make a bold fashion statement. Definitely a notebook bag for the younger generation.

VERDICT

★★★☆☆

"Lacks the finesse of some of the more expensive bags, but certainly gets you noticed."

>> KNOMO

Jackson

£255 www.knomo.com

05 Made from full-grain cowhide with brushed nickel metalwork, this is the ultimate in luxury notebook bags. Attention to detail is evident throughout, with its comfortable, detachable shoulder strap held in place with custom-made fittings, and mock buckle fasteners concealing quick-release clasps.

Each Knomo Jackson has a unique serial number that you can register online to help you get it back if lost. Front pockets for accessories and extras complete an impressive – if expensive – package.

VERDICT

★★★★☆

"The last word in laptop luxury. Made with care and craftsmanship, but expensive."

>> KNOMO

Saxby (Medium)

£125 www.knomo.com

06 Of all the bags on test here, the Knomo Saxby oozes style the most. A durable grey waxed canvas exterior keeps your MacBook safe from dirt and water, and it's finished with brown leather trim and brushed nickel details. The non-detachable strap feels right on the shoulder, but there isn't much padding on the notebook section. A unique serial number sewn into its interior can be registered online, increasing your chances of getting the bag back should you lose it.

VERDICT

★★★½☆

"Very stylish and fashionable, but could use more padding to protect your MacBook."

>> WESTFIELD DESIGNS

Cozmo Mambo Combo

From $209 (£133)
www.sfbags.com

07 The Cozmo Mambo Combo comes supplied with a removable protective sleeve. If you want to use it as a regular shoulder bag when not carrying your MacBook, you can dispense with the extra bulk added by the padding. Sturdy, robust and stylish, the Cozmo is available online only. Price varies according to custom options selected; some features, such as the shoulder strap, are optional.

VERDICT

★★★★☆

"An attractive and versatile notebook bag that's suitable for all occasions."

Words: Ian Osborne

>> KEY OVERLAYS

KB Covers

From £15 www.kbcovers.com

01 Sitting neatly over your keyboard, KB Covers' silicon overlays clearly show an application's most commonly used functions, right there on your keys. There are KB Covers for *Photoshop*, *Aperture*, *After Effects*, *Avid*, *Final Cut Pro X* and more. If you're new to the Mac, there's one for commonly used OS X shortcuts, and a number of overlays for foreign-language typing.

KB Covers are available for most current Mac notebook and desktop keyboards. They fit neatly and are surprisingly comfortable to use; they never slip or move when you're typing. If you get them dirty, they're easy to wash too.

VERDICT

★★★★☆

"Excellent build quality and fit; very comfortable to use."

>> iOS STYLUS

Proporta Quillit 3 in 1 Stylus Pen

£25 www.proporta.com

02 The Proporta Quillit 3 in 1 Stylus – as you've probably guessed – combines three functions. There's a ballpoint pen, a nib stylus for resistive touchscreens and a brush stylus for capacitive displays, such as those used in iOS devices. All are retractable and when the ballpoint pen runs dry, you can buy a refill.

The Quillit has a solid feel and smart metal finish. Its brush stylus is responsive, but unless you have huge hands, it's no more accurate than your finger. It's the perfect executive gift.

VERDICT

★★★☆☆

"Stylish and versatile; great for all touchscreen devices."

>> WI-FI SD CARD

Eye-Fi Mobile X2 SD Card

£75 http://uk.eye.fi

03 This SDHC card offers built-in Wi-Fi as well as 8GB of storage. With the Eye-Fi Mobile X2 in your camera, you can transfer JPEG photos and videos straight to your Mac over your wireless network at 802.11n speeds. Its Direct Mode sends them from your camera to your iOS device too. An Endless Memory feature frees up space when your data has been transferred. Eye-Fi Mobile X2 can't transfer RAW photos; you need the Eye-Fi Pro X2 for that. Also, although it stores up to 32 networks, getting the iOS app to find the Eye-Fi can be tricky if another network is registered.

VERDICT

★★½☆☆

"Very much a niche product, and a little flaky in operation."

>> COMPACT CAMERA

Fuji FinePix F550 EXR

£200 http://fujifilm.co.uk

04 This 16-megapixel compact camera is packed with interesting features. GPS marks where your photos were taken; just the thing for *iPhoto's* Places. It has a 15x optical zoom, and built-in image stabilisation helps keep your photos sharp. It can take RAW images, and record full HD movies at 30fps or 720p at 60fps too.

The macro mode lets you get incredibly close in without losing focus. It's great in low light conditions too, though its pop-up flash is a little weak. It's easy to use, but there's also plenty to learn if you are a more adventurous photographer.

VERDICT

★★★★☆

"A handy, convenient and feature-rich compact camera."

>> INTERNATIONAL SUBSCRIPTION OFFERS

International six-month subscription offer

Wherever you live in the world, try a six-month subscription to MacFormat so you never miss another issue!

All your Apple needs
Mac FORMAT
>Mac >iPad >iPhone
>Issue 240 November 2011
80 LION TIPS
Discover hidden features of the new OS X p68
MACFORMAT ESSENTIALS
84 PAGES OF ADVICE!
Do more in Photoshop
iPhoto tips and tricks
Work smart in Numbers
THE LATEST KIT REVIEWED
iMOVIE
10 ways to create Hollywood effects!
Upgrade for free
Windows on a Mac
Never lose a file
techradar.com

START making savings today with this special six-month subscription deal

ADVICE! Get all the latest troubleshooting advice and reviews of all the latest Apple Kit

DISCOUNTED pricing and savings of up to 51% when you subscribe

FREE airmail delivery direct to your door

EXCLUSIVE access to our online subscriber-only area which offers digital copies of our current issue and tons of back issues.

>> WHAT YOU'LL PAY FOR SIX ISSUES

- Europe pay £41.99 – **€7.88 an issue**
- Rest of World pay £44.99 – **£7.50 an issue**
- USA Pay $64.99 – **$10.83 an issue**

Mac FORMAT
>> MacFormat archive
Direct from the Publisher

GOING DIGITAL! Subscribers get access to a PDF version of each issue that can be read on your Mac, iPad or iPhone!

>> 2 WAYS TO SUBSCRIBE!

Go to **www.myfavouritemagazines.co.uk/MACP1Y**

Or call **(+44) (0) 1604 251 045** quoting code **MACP1Y**

If from USA please go to **www.imsnews.com/mfc-a051** or call Toll-Free on **1-800-428-3003** and **quote A051**

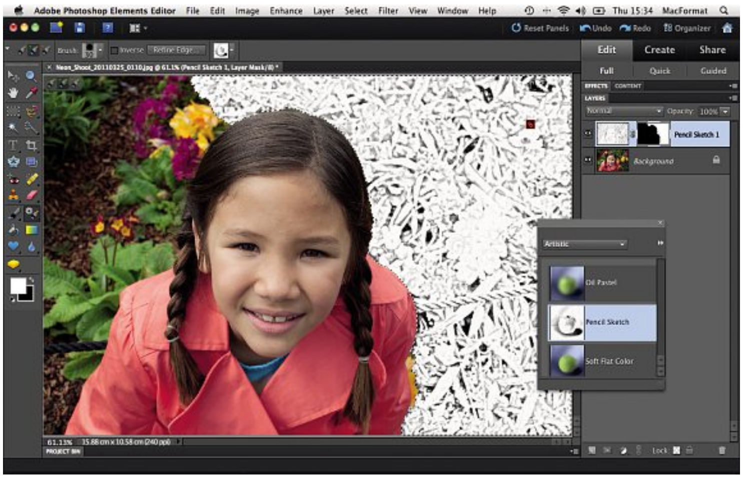
Contact centre opening times are 08:00 to 21:30 weekdays, 08:00 to 16:00 on Saturdays.

Europe & Rest of World will be charged in GBP. USA & Canada pay USD. Euro pricing is correct at the time of going to press. Minimum subscription term is 6 months. Your subscription will start with the next available issue. You will receive 6 issues of *MacFormat* on this offer. If at any time during the next 60 days you are dissatisfied in any way, please notify us in writing and we will refund all unmailed items. Access to the subs only area of *MacFormat* is available for print subscribers only. Offer ends 28th February 2012.

>> PHOTO-EDITING SOFTWARE

Adobe Photoshop Elements 10

£79 More of the same, or genuinely improved? Elements 10 goes under the microscope



In Elements 10 you can paint even more effects directly on to your photos.

KEY INFO

Developer: Adobe
www.adobe.com/uk

SPECIFICATIONS

OS: OS X 10.5.8 or later
Processor: Multicore Intel
RAM: 1GB **Disk space:** 4GB
Display: 1024x768
Other: QuickTime 7 software required for multimedia features

PROS & CONS

⊕ Powerful and flexible Organizer
⊕ Caters for almost all user levels
⊕ Very good value for money
⊕ New Edit and Brush effects
⊖ New search tools are imprecise
⊖ Few major innovations

VERDICT

★★★★½

"Elements 10 is excellent and infuriating at the same time. It's not much of an upgrade and the new search tools are patchy."

Photoshop Elements is '*Photoshop* for the rest of us'. It would be easy to dismiss it as a kind of cut-down version of the real thing, but there's a lot more to it than that. It has a much stronger photographic focus for a start. *Photoshop* is, after all, aimed not just at photographers, but artists, illustrators and designers too.

Elements uses the language and approaches of photography in the way it presents its image-editing tools, showing the effects that are possible and helping you to achieve them, rather than simply giving you the tools and leaving you to get on with it. Theoretically, *Photoshop* does more. Practically, though, unless you're an expert or a pro, you're likely to get a lot more from *Elements*.

Many of the enhancements in *Elements 10* are found in the Organizer, a photo cataloguing application that acts as the hub for all your digital photography activities. You can use it to tag your images, organise them into albums or 'smart albums', carry out basic photo fixing tasks and create prints, online albums and photo gifts. It's a lot more sophisticated than *Adobe Bridge*, which you used to get with *Elements* and still do with *Photoshop*. And it's not a 'non-destructive' editor like *Adobe Lightroom*. *Lightroom* stores its adjustments internally and only applies them to your images when you export new versions. In the Elements Organizer, any edits you apply internally, or via *Elements* itself, turn into new files that are stacked with the original. If you like your edited versions to be 'real' and not 'virtual', and feel more secure if they're turned into tangibly separate files on your hard disk, then this is the program for you.

The main change is a set of three new search options which rely on visual similarities rather than keywords. With Object Search, you choose a photo containing an object you want to match and draw a marquee around it. The Organizer will then find photos containing the same or similar objects. Visual Search is much the same, but in this case you don't have to define an object and Organizer simply looks for pictures with similar shapes and colours. If you choose an image with a clearly defined subject and a relatively plain background, and you don't mind spending time sifting through results, the Object Search can be effective. The Visual Search can be useful for creating themed collections, based on colours or composition, for example.

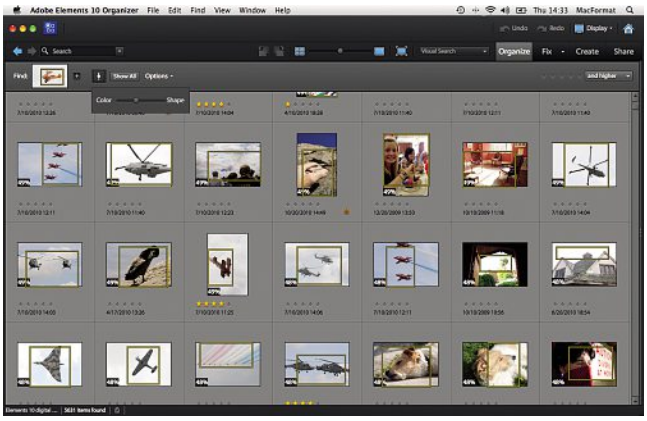
> *"Many of Elements' enhancements are in Organizer, a photo cataloguing app that acts as a hub for all your photography activities"*

The new Duplicate Photo search looks for multiple versions of the same photo, or similar images you might have shot at the same time, and then offers to 'stack' them for you. It is very good at finding close matches, though the Organizer can often come up with some quite barmy suggestions.

The other notable addition is the ability to tag photos using your Facebook friends list, which ties in nicely with the Organizer's Facebook sharing option.

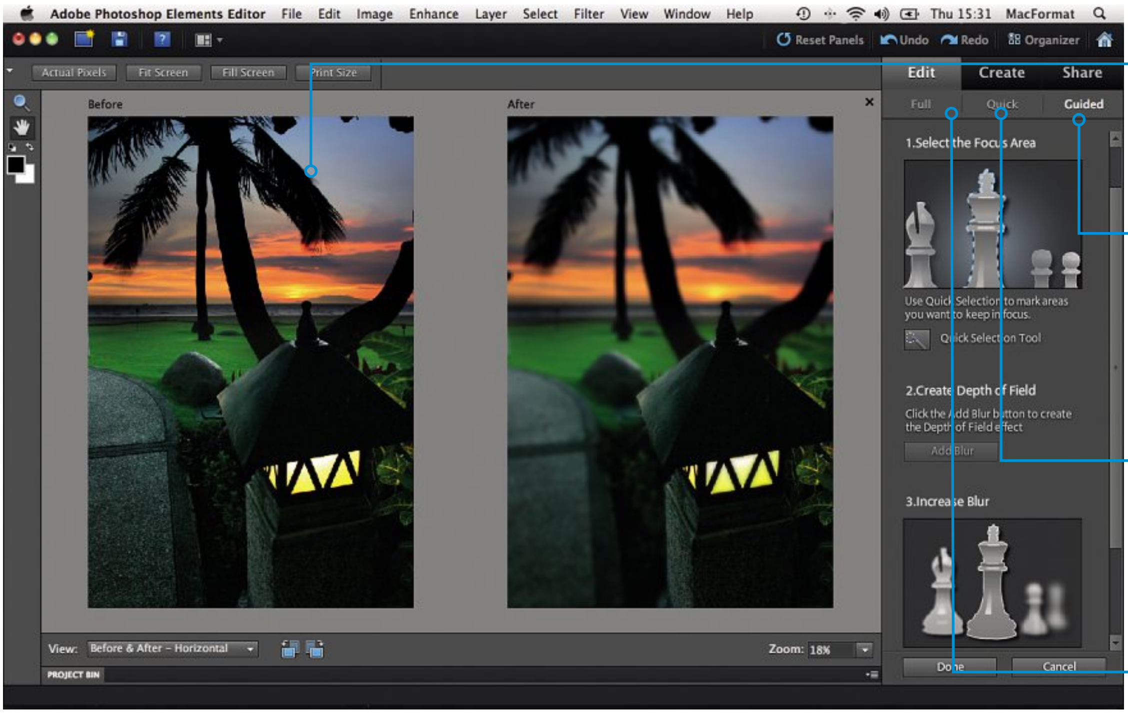
Elements itself gets a smattering of new features too. The Guided Edit mode, which helps you to achieve specific effects using step-by-step instructions and context-sensitive controls, gets three new effects to try out. The 'Orton' effect can be used to give a soft, diffuse glow to portraits, for example; the Picture Stack effect makes a photo look like a collage assembled out of many different prints; and the Depth of Field effect blurs backgrounds while keeping your subject sharp.

In the Full Edit mode, meanwhile, you get 30 new patterns and effects,



The Organizer's new visual search tools can be useful, but they can deliver some pretty wild matches too.

QUICK LOOK / A guided tour of the Elements 10 interface



1.Select the Focus Area

Use Quick Selection to mark areas you want to keep in focus.

2.Create Depth of Field

Click the Add Blur button to create the Depth of Field effect

3.Increase Blur

Before and after
If you're in Guided Edit mode, you can compare the version you're working on to the original.

Guided Edit
Here you learn how to apply a whole range of image enhancement techniques.

Quick Edit
Use this if you don't want to be bothered by technicalities but need to fix up dud photos.

Full Edit
This is where you go when you know what you're doing. Works like Photoshop.

which you can apply with the Smart Brush tool. This creates a selection and adds an effect on the fly, and while you sometimes need to go back and do a little tidying up, it can be both quick and effective (see this month's *Photoshop* tutorial for more). This is a great way to apply effects to photos when you're not that familiar with selections and filters, though expert users might prefer to use manual masking tools rather than the fairly crude and direct Selection Brush.

It's now possible to add text to a path, too, a high-end feature previously found only in *Photoshop*. But while this might be handy for those who want to design their own photo creations, it has little value for photographers. It's also something which could easily have been done before; this reinforces a feeling with *Elements* that you're being drip-fed new features according to some kind of commercial roadmap, rather than getting an application that is simply the best it can possibly be.

There are some other notable enhancements, such as new composition overlays for the crop tool (Rule of Thirds, Golden Ratio or a plain grid), new project templates and online album features, but is all of this enough to make *Elements 10* better than *Elements 9*? Yes, but only in a marginal kind of way. It's improved, not transformed. The big change came in *Elements 9*, with the introduction of the Organizer in particular, and this feels more like mid-version upgrade. If it had been on the App Store, you might have expected it to be a free update.

But if you're still using *Elements 8* or earlier, then this is definitely worth it. *Elements 10* is inexpensive and versatile, combining a terrific image cataloguing app and an easy-to-use image editor that caters for a wide range of users. Novices can apply no-fuss adjustments in Quick Edit mode, keen learners can discover expert techniques and jargon in the Guided Edit mode, and in Full Edit mode *Elements* offers much of the functionality of *Photoshop* itself. It has something for everyone.

Only two things detract from its appeal. One is that it doesn't have the invaluable OS (and iOS) integration of *iPhoto* or *Aperture*. The other is Adobe's fondness for 'fuzzy' tools which make great headlines but rely on optimal conditions, or users who are easily pleased.

Rod Lawton

TOP 3 FEATURES / What distinguishes Elements 10

Organizer
The Organizer is somewhere between *Adobe Bridge* and *Lightroom*. You can create albums, add tags and use visual search tools to keep track of your photos.

Guided Edits
This is for intermediate users who want to learn how to use more advanced techniques. It shows you what to do; you learn a little more about the tools available.

Full Edit mode
Advanced users can sidetrack *Elements*' beginner-oriented modes and get straight to the hands-on tools. It's not *Photoshop*, but there's not that much in it.

>> SCREEN CAPTURE

Telestream's Screenflow 3.0

£70 Update of the best screencasting program

KEY INFO

Developer: Telestream
www.telestream.net

REQUIREMENTS

OS: OS X 10.6.4 or higher
Processor: Intel Core 2 Duo **Video:** Quartz Extreme capable card

PROS & CONS

- + Almost all aspects improved
- + Fully Lion-compliant
- − Same old transitions
- − Needs a modern Mac

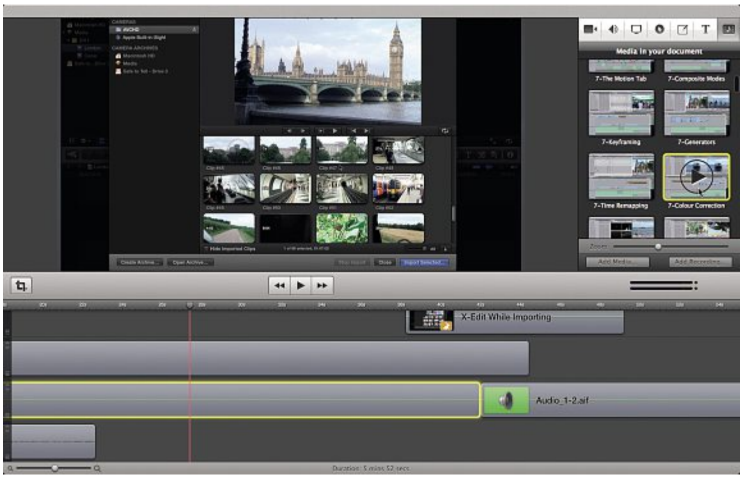
VERDICT

★★★★☆

"Screencast makers will love the improvements, but this needs a fast Mac."

Screenflow is designed to record whatever happens on your desktop, then edit, apply effects and share it. Version 2 was released nearly two years ago, so it was high time for some additional features, and this update delivers.

Almost every aspect of the app has been touched on and improved, like being able to use highly customisable arrows, circles or squares to highlight a specific section of the interface (you can even save your design to keep the look of your video consistent). The timeline may look the same, but a lot of thought has obviously been put into easing the editing process – like being able to drag layers up or down, resize them, and group clips together to make it easier to move around.


Media in your document
7-The Motion Tab
7-Composite Modes
7-Keyframing
7-Generators
7-Time Remapping
7-Colour Correction
X-Edit While Importing
Audio_1-2.aif

You can preview a clip from the media section without having to drag it into the timeline.

Working with audio has also been greatly improved. You can see where a clip might be peaking straight from the timeline, even out a clip so that its volume is consistent throughout, and also remove the background noise from a recording. If you're not keen on voicing your screencasts, *ScreenFlow* can take care of that for you with its ability to convert text to speech using one of OS X's many synthetic voices.

The program works with Lion and takes advantage of many of its new features like Auto Save, Resume and full-screen mode. It's a shame though that no new transitions were included. Also, it requires a lot more processing power and there's a lot of waiting around while *ScreenFlow* works in the background, whereas version 2 was fast on the same hardware.

Steve Paris

>> PASSWORD AND IDENTITY MANAGER

AgileBits 1Password 3.9

£18 The easy way to manage passwords

KEY INFO

Developer: AgileBits Inc
www.agilebits.com

REQUIREMENTS

OS: OS X 10.7 Lion
Processor: 64-bit

PROS & CONS

- + Brilliantly designed
- + Superb browser plug-ins
- + Versatile and comprehensive
- − Limited scope for securing files

VERDICT

★★★★½

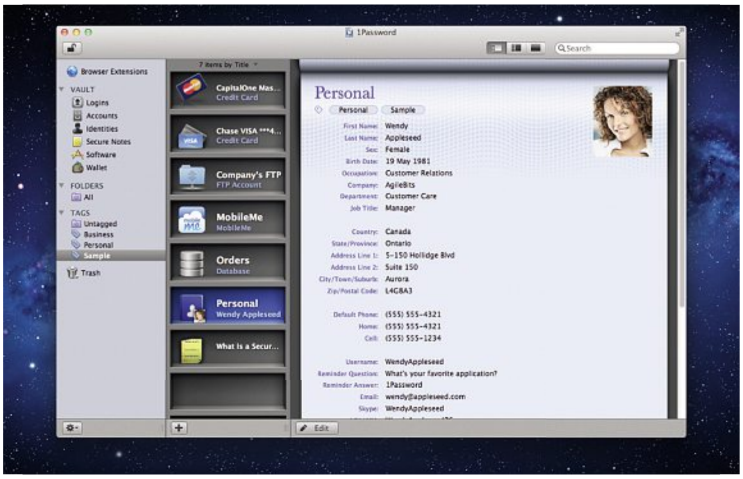
"After three months with 1Password, you'll wonder how you did without it."

AgileBits' *1Password* has come a long way since we last covered it in *MF218*. Its browser extensions are improved, its syncing facilities are expanded and you can look at stored information in your browser, without opening the application. This latest version is Lion-only, and incorporates several features from the new OS, including full-screen view and sandboxing.

It's an excellent way to manage login details. After entering a username and password on a website, plug-ins for *Safari*, *Chrome* and *Firefox* invite you to save them using *1Password*. Next time you log on, you can click the *1Password* button in the browser toolbar and fill them in automatically. With only the app's master password to remember, you won't be tempted to write down or re-use site logins. *1Password* can also securely store typed notes, personal and financial information for automatic form-filling and serials for software. It's beautifully designed, and almost invisible until you need it, when it's right at your fingertips.

You can synchronise *1Password* details across all your Macs using Dropbox, which is great news considering iCloud won't sync *Keychain Access* information. But there's no option to sync outside Dropbox (on an FTP server, for example). Also, while you can save small attachments (20MB or less), there's no 'vault' to hide larger files outside the synced archive. Other than these limitations, it's near perfect.

Ian Osborne


1Password
Search
Browser Extensions
VAULT
Logins
Accounts
Identities
Secure Notes
Software
Wallet
FOLDERS
All
TAGS
Untagged
Business
Personal
Sample
Trash
7 items by Title
CapitalOne Mas...
Credit Card
Chase VISA ***4...
Credit Card
Company's FTP
FTP Account
MobileMe
MobileMe
Orders
Database
Personal
Wendy Appleseed
What is a Secur...
Edit

Personal

Personal Sample

First Name: Wendy
Last Name: Appleseed
Sex: Female
Birth Date: 19 May 1981
Occupation: Customer Relations
Company: AgileBits
Department: Customer Care
Job Title: Manager

Country: Canada
State/Province: Ontario
Address Line 1: 5-150 Hollidge Blvd
Address Line 2: Suite 150
City/Town/Suburb: Aurora
Zip/Postal Code: L4G8A3

Default Phone: (555) 555-4321
Home: (555) 555-4321
Cell: (555) 555-1234

Username: WendyAppleseed
Reminder Question: What's your favorite application?
Reminder Answer: 1Password
Email: wendy@appleseed.com
Skype: WendyAppleseed

1Password can securely store personal and financial details as well as website log-ins.

>> VIRTUALISATION SOFTWARE

Parallels Desktop 7 for Mac Switch To Mac Edition

Mac FORMAT Choice ★★★★★

£65 The hassle-free way to install and use guest operating systems on your Mac alongside OS X

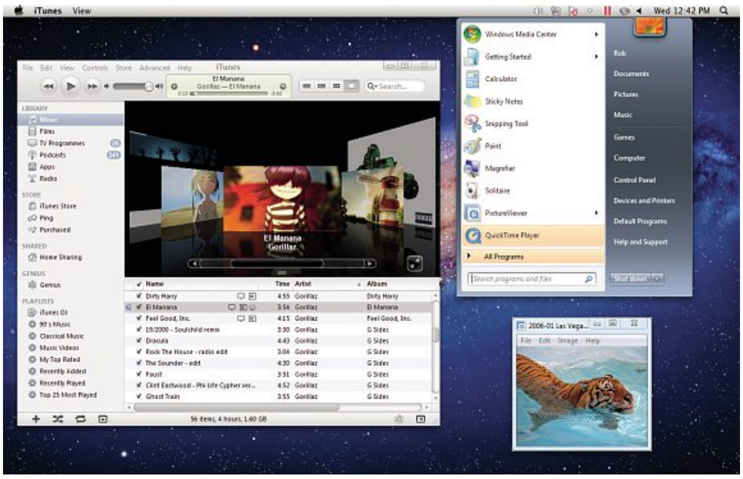
There are three main reasons why you'd want to run Windows or Linux on your Mac. Maybe you've recently switched from one or the other to the Mac and still need to use some of your old OS's applications. Or maybe you sometimes need to bring work home and the applications you need aren't available for Mac. Or maybe you want it just because you can have it. £65 says you should at least give it a go.

Of you course you can do all of the above for free using Boot Camp in OS X, but it's simply not as convenient or as flexible as the *Parallels* alternative. For a start, Boot Camp forces you to create a separate bootable partition for your PC install, while under Lion you're limited to using Windows 7 - which may be a pain if you want to use Linux or an existing copy of Windows Vista or XP instead.

Systems as apps

Parallels Desktop 7 does away with all this by treating guest operating systems – or virtual machines – as apps. The key benefits are that you don't have to keep rebooting your Mac into Windows to use it. It's far easier to share files, folders and disks between different operating systems. And you have the flexibility to install multiple flavours of Windows, Linux and even another copy of OS X Lion inside a separate virtual machine, which developers will find useful.

Also new to *Parallels 7* is explicit support for key Lion features such as Mission Control, Launchpad and full-screen applications for Windows apps. You can even apply some of Lion's multi-touch gestures to Windows. To help you get the best from other virtual machines on your Mac, *Parallels 7* offers four different viewing modes: Windows mode and Full Screen mode are pretty self-explanatory; Modality mode displays the virtual machine inside a transparent window (handy for monitoring purposes), while Coherence seamlessly blends Windows and Mac OS. In the latter, Windows windows magically appear on the desktop, the Windows Start menu appears as a drop-down from the top-right of the menu bar, and Windows apps run alongside their OS X counterparts. It's a bit disconcerting, at first, but you quickly get used to it.



Parallels' Coherence mode lets you run Windows apps - like iTunes - natively inside OS X.

"New to Parallels is explicit support for key Lion features such as Mission Control, Launchpad and full-screen applications"

In use, *Parallels 7* feels surprisingly snappy and crash-free. There's virtually no lag switching between Mac and PC apps – especially in Coherence mode – and depending on the sharing settings you've chosen, opening and editing files and folders in OS X or in a guest OS is almost seamless. The only problems we came across had to do with which OS had ownership of particular hardware features of our Mac. We found we couldn't use our optical drive in OS X, for example, because Windows 7 was using it. Luckily you can easily tweak these settings in the Configure menu.

3D graphics performance has been improved in this new release, but we'd still avoid playing games in Coherence mode. There's also some support for remote controlling your Mac from your iPad or iPhone using a paid-for app, including access to all your virtual machines. Of course, the big test is if it outperforms VMWare's new *Fusion 4*, which we'll be reviewing next issue, but so far so good.

Rob Mead-Green

KEY INFO

Developer: Parallels
www.parallels.com/uk

REQUIREMENTS

OS: OS X Leopard 10.5.8 or later, OS X 10.6.8 Snow Leopard or later, OS X 10.7 Lion **Processor:** Intel Core 2 Duo, Core i3, Core i5, Core i7 or Xeon **RAM:** 2GB (4GB for Windows 7) **Disk space:** 700MB for Parallels Desktop 7; 15GB for Windows **Other:** Window installation disc or other media for operating systems you want to run

PROS & CONS

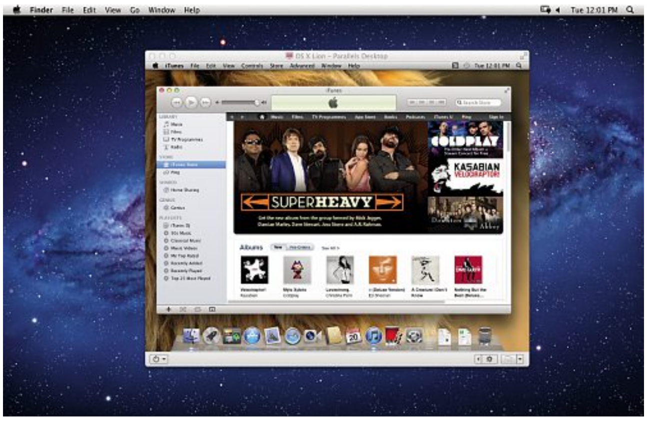
⊕ Run Windows or Linux
⊕ More flexible than Boot Camp
⊕ Coherence mode is a hoot
⊕ Easy to install and use
⊕ A range of Lion features
⊖ Convenience Store lacks wares

VERDICT

★★★★★

"If you need to run Windows or Linux on your Mac, Parallels Desktop 7 is a great way to set about it."

A new feature of Parallels Desktop 7 is the ability to run Lion on a virtual machine within Lion itself.



>> VIDEO EDITING

Adobe Premiere Elements 10

£79 If you've outgrown iMovie, is Premiere Elements the right way to go?

KEY INFO

Developer: Adobe Systems Inc
www.adobe.com/uk

SPECIFICATIONS

Processor: Multicore Intel **OS:** OS X 10.6 or higher **RAM:** 2GB **Disk space:** 4GB **Display:** 1024x768

PROS & CONS

- ⊕ Tag clips to find them fast
- ⊕ Many sharing options
- ⊕ Powerful colour correction tools
- ⊕ Downloadable trial version
- ⊖ Confusing interface
- ⊖ Not as elegant as iMovie

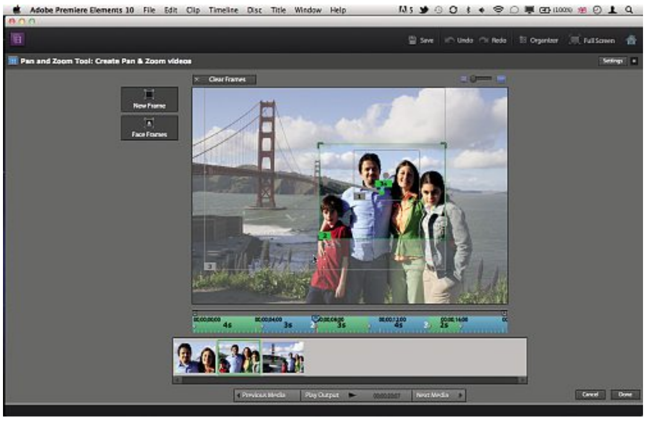
VERDICT

★★★½☆

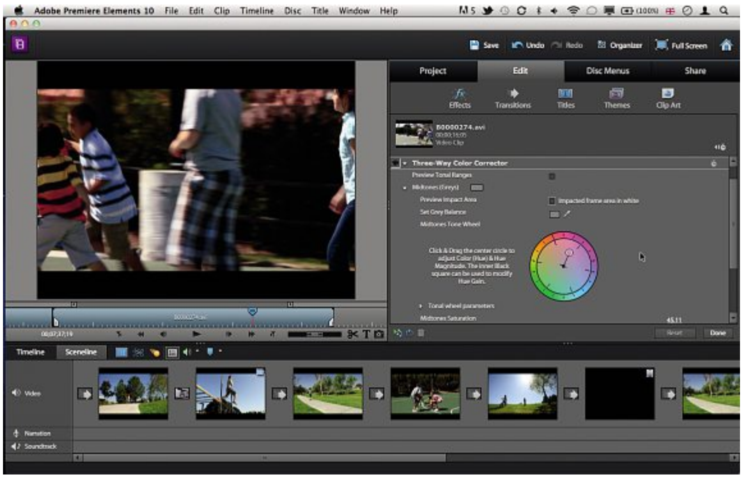
"New features catch up to iMovie while others move ahead, but it's held back by an unintuitive interface."

With *Final Cut Express* discontinued, Adobe's *Premiere Elements 10*'s closest rival, *iMovie*, comes free with every Mac or can be downloaded from the Mac App Store for just over £10. So how can an editing package that costs nearly eight times as much hope to compete? By offering tools and options that Apple left out of their own offering, such as being able to edit using multiple video layers, work with the native AVCHD files that came out of your HD camcorder (*iMovie* must reformat them, wasting time and storage space) and even design DVDs, complete with menus.

So what does version 10 bring to the table? The whole emphasis is on sharing and tagging your clips to make them easier to find. Adobe split the editing process into two programs. The Organizer takes care of importing, cataloguing and tagging your clips – be they photos or videos – while the main app is where you build your project. You can send a clip from the Organizer straight to places like YouTube, Flickr or Facebook without any kind of processing if you like, but the whole point of an editing program is to edit, so few people may take advantage of that option.


Adobe Premiere Elements 10 File Edit Clip Timeline Disc Title Window Help
Save
Undo
Redo
Organizer
Full Screen
Pan and Zoom Tool: Create Pan & Zoom videos
Settings
Clear Frames
New Frame
Face Frames
Previous Media
Play Output
Next Media
Cancel
Done

Tags are applied automatically to your shots, designed to help you find the ones you need.


Adobe Premiere Elements 10 File Edit Clip Timeline Disc Title Window Help
Save
Undo
Redo
Organizer
Full Screen
Project
Edit
Disc Menus
Share
Effects
Transitions
Titles
Themes
Clip Art
Three-Way Color Corrector
Timeline
Sceneline
Video
Narration
Soundtrack
Reset
Done

Apply precise colour correction to each of your clips with the three-way colour corrector.

Pan and zoom

A new powerful pan and zoom tool is now available, so you can create complex motion across an individual photograph. Unlike *iMovie*, you're not limited to just setting an end and start frame, but you can create multiple focus points and move across them over time. You can even pause the view for a few seconds on a specific area.

> *"A new powerful pan and zoom tool is now available, so you can create complex motion across an individual photograph"*

If editing feels too much like hard work, you can use the enhanced 'Auto-movie' options: choose the clips you want in the order you'd like to use them, select a theme and a few other parameters, and *Premiere Elements* will take care of the rest for you. You can of course customise the end result should you like to apply a more personal touch to your project.

Colour-correcting video clips is now possible thanks to a new filter. By default, the process is automatic, but you can delve into it and manipulate the colours to your heart's content, even focusing solely on highlights, shadows or midtones.

Export deluge

When it comes to exporting your work, you'll be deluged with options: some of the new features include being able to upload to places such as Facebook, Flickr or YouTube, save an HD-quality movie onto a standard DVD disc to play it back on a Blu-ray player (as long as the movie's relatively short, of course) or even export the whole project back into AVCHD format.

All this sounds good, but sadly, there's a huge drawback to using *Premiere Elements*: if you're used to *iMovie*, you'll find the two-program approach confusing, and the lack of elegance can be felt throughout. You have to double-click on a clip to preview it in a floating window for instance; and accessing all the menus and options begins to feel as if you've left your Mac and are exploring a new interface paradigm, which can be frustrating at times.

However, there's no doubt that you can achieve more with Adobe's *Premiere Elements 10* than you can with Apple's *iMovie*. But before investing in it, make sure you experiment with the 30-day demo, which is available to download from www.adobe.com. That way you can see if this app suits your needs.

Steve Paris

SOLD OUT!

Issue 233
May 2011

Stream movies and music
Hands-on with the iPad 2
Exploring Apple's patents
MacBook Pros reviewed
On the disc
Timer Utility 3.5.4, Alarm Clock Pro 8 and more

Issue 234
June 2011

30 Mac problems solved
Productivity apps group test
Make music on your Mac
OS X Lion preview
On the disc
Sudoku Epic, Task Timer LE, Sarchiver 3.2.3 and more

SOLD OUT!

Issue 235
Summer 2011

Get more from Pages
Personalise your Mac
All-new iMac reviewed
OS X gestures guide
On the disc
QuickScale 3.8, ForkLift 1.7.8, Desktop Cleaner 1 and more

Issue 236
July 2011

100 iPhoto tips and tricks
Childproof your Mac
Smooth clips in iMovie
Super-slim HD group test
On the disc
RapidWeaver 4, PhotoZoom Express 3 and more

Issue 237
August 2011

Unleashing OS X Lion
11 uses for an old Mac
Never lose a file again
How to slim down apps
On the disc
Filter Forge 2.0, Singlemizer 1, ChromaTunes 1 and more

Issue 238
September 2011

Essential iTunes guide
30 top Lion tips
RSS newsreaders tested
Mac mini and Air reviews
On the disc
DaisyDisk 1.5.3, DropDMG 2.8.6, Ulysses Pro 1.6f

Back issues

Want to order a back issue of MacFormat? Hurry – stock is limited!

You've only just missed...

Issue 239 / October 2011

Slim down your Mac
Top 10 ways to free up space

Plus...
iCloud: what it means for you
Can Apple exist without Steve Jobs?
Media streamers group test
Create moody mono shots in iPhoto
Adjust video speeds in iMovie
First Thunderbolt drive reviewed

On the disc
Chronicle 3.5SE, Web Confidential, File Courier 1.5.2 and more!

Try our new iPad apps!

iPad The Essential Handbook
100 tricks & tips for iPad 2
iPhone 4 The Essential Handbook

Don't miss MacFormat's special selection of iPad apps!
Our iPad apps brings the expertise of *MacFormat*'s writers to Apple's iPad. You can find all of our iPad apps at www.myfavouritemagazines.co.uk/apps. There's also an app for subscribing to *MacFormat* on your iPad through the Zino service.

To order back issues telephone +44 (0)844 848 2852
To buy online or to subscribe to MacFormat, visit www.myfavouritemagazines.co.uk

>> PHOTO-EFFECTS TOOL

Studio Mee SketchMee 1.4

£5.49 Turn photos into pencil and chalk

KEY INFO

Developer: Studio Mee
http://studiomee.com/product_sketchmee_mac_normal.html

REQUIREMENTS

OS: OS X 10.6.6+

PROS & CONS

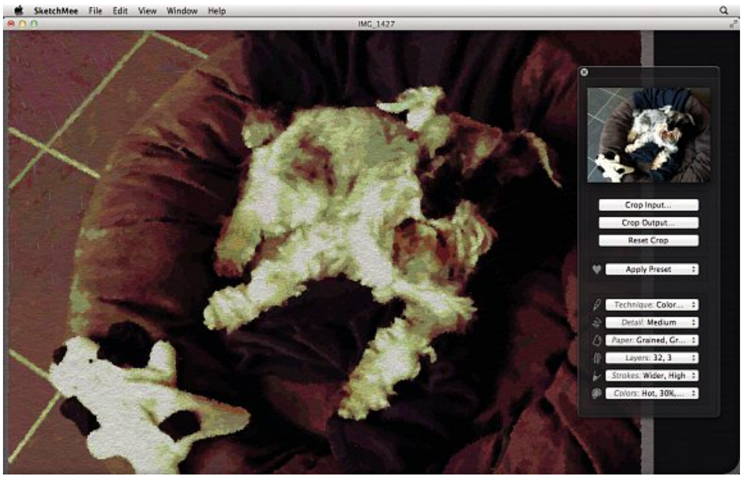
- + A good stab at natural media
- + Easy to get pleasing results
- − Interface can be awkward
- − Colour effects a touch broad

VERDICT

★★★½☆

"Mess around with the settings and you can get paint effects too."

Although *iPhoto* has a bunch of built-in editing features, all of the available effects are photography oriented. By contrast, the aim with *SketchMee* is to turn any image into a pencil or chalk sketch. The entire process is automated, but you can fine-tune the output to a certain extent by adjusting a number of settings, such as the medium, width and intensity of strokes, number of layers used, paper type, and detail level. While the effects don't look entirely natural (when you use pencils, a *SketchMee* image often looks like someone's gone on a cross-hatching frenzy rather than followed the form of the subject), they at least usually look interesting. And we found that by experimenting with the settings, *SketchMee* can be coaxed into outputting rather fetching images.



Technique: Color...
Detail: Medium
Paper: Grained, Gr...
Layers: 32, 3
Strokes: Wider, High
Colors: Hot, 30K,...

Mess around with the settings in this app and you can get access to paint effects too.

The colour effects settings are a touch broad, the cropping method is bonkers, and limiting you to only saving 20 presets is an odd and rather mean decision (especially since you cannot save *SketchMee* documents with settings intact). But the ability to export any photo – regardless of import size – as a huge 16-megapixel JPEG is welcome, as is the distraction-free full-screen mode in OS X Lion. Also, while the pro version's rather ambitiously priced at £28 (given that the results aren't quite natural enough to justify such expense for professional use), a shade over a fiver for the standard version seems like pretty good value to us. Check out our tutorial on page 56 for how to get great results from the application.

Craig Grannell

>> LAUNCHPAD CONFIGURATION TOOL

Launchpad-Control

£FREE Check boxes to tidy Lion's Launchpad

Developer: Andreas Ganske **URL:** http://chaosspace.de/launchpad-control

Launchpad-Control has two things very much going for it: first, it works; secondly, it's easy to use. After installing the preferences pane, you get to see a list of the apps you have on each of your pages in Launchpad. Uncheck boxes next to apps (or entire pages) you want to hide, click Apply and, after a short Dock and Launchpad restart, your changes will be made. If you get cold feet, click 'Full reset' and Launchpad will return to its default state (although, note, not the state it was in before you started using *Launchpad-Control*, so any changes you made before that will be gone).

Launchpad-Control is, however, bare bones and offers no management beyond toggling the visibility of apps; this means you remain reliant on Launchpad itself for changing the position of apps and pages. There's also no search nor the ability to uncheck the entire list, making it a bit tedious to use if you've many installed apps. Still, for no outlay (unless you fancy donating), this is a neat tool for excluding apps you don't want to see on Launchpad.

Craig Grannell

VERDICT

★★★½☆

"A bit too bare bones, but nonetheless good for hiding apps on Launchpad."

>> LAUNCHPAD CONFIGURATION TOOL

LaunchpadCleaner 2

$4.99 (£3) Manage OS X Lion's Launchpad

Developer: ZoltanB **URL:** http://zoltanb.co.uk/launchpadcleaner

It's hard to know what to make of *LaunchpadCleaner 2 Pro*. First impressions weren't great, due to install issues; and with this being an Adobe Air app, it feels clunky and not OS X native. However, the app offers great ideas for Launchpad management that make it safer and potentially more usable than *Launchpad-Control*. You can back up and restore layouts, and you can see the icons for each of your Launchpad shortcuts. To toggle the visibility of apps, you merely click icons and then the invitingly large 'Remove Selected icons from Launchpad' toolbar button.

The app falls down in two areas. The first is expectation: when an app appears to ape iOS but doesn't work like it, that's a recipe for trouble – the Launchpad pages look 'swipeable', but you must click to focus one or click the tiny white page dots at the foot of the window. Secondly, like *Launchpad-Control*, you can't manage app positions by dragging icons about, although, oddly, you can create new blank containers – a bit pointless. So: not bad for three quid, but we're still waiting for the perfect Launchpad manager.

Craig Grannell

VERDICT

★★★½☆

"Prettier and safer to use than its rival, Launchpad-Control, but equally flawed."

Save up to 50%

Save 38%

£47.99 - 13 issues

Save 35%

£37.99 - 13 issues

Save 25%

£48.69 - 13 issues

Save 35%

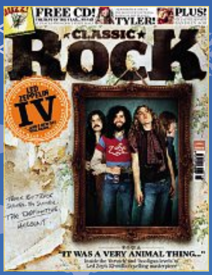
£41.99 - 13 issues

Save 50%

£27.49 - 13 issues

Save 50%

£25.99 - 13 issues



Save 35%

£46.49 - 13 issues

Save 40%

£46.69- 13 issues

Save 33%

£51.99 - 13 issues

Give a magazine subscription this Christmas!

- The perfect Christmas present that lasts all year long
- Choose from over 60 titles online - a magazine to suit every interest
- Convenient and free home delivery every month
- Free gift card you can personalise to announce your gift
- Plus! We have a huge range of other gift ideas for under £20

Special Christmas offer!

2 easy ways to order

myfavouritemagazines.co.uk/Z901

0844 848 2852 Quote Z901

(lines open Monday-Friday 8am-9.30pm and Saturday 8am-4pm)

>> FIRST-PERSON SHOOTER

Duke Nukem Forever

£30 (Steam) After a 15-year hiatus the Duke is back. And yes, he's still a towering buffoon

KEY INFO

Developer: Gearbox
www.steampowered.com

REQUIREMENTS

OS: OS X 10.6.8 or later
Processor: Intel Dual Core 2.4GHz
RAM: 2GB RAM **Disk space:** 10GB
Video: Radeon 2600, GeForce 8600 with 256MB VRAM, GeForce 9400M and Intel integrated chipsets not supported

PROS & CONS

- ⊕ Uniquely offensive
- ⊕ Fun boss battles
- ⊕ Some decent set-pieces
- ⊖ Poor level design
- ⊖ Technically average
- ⊖ Incredibly shallow

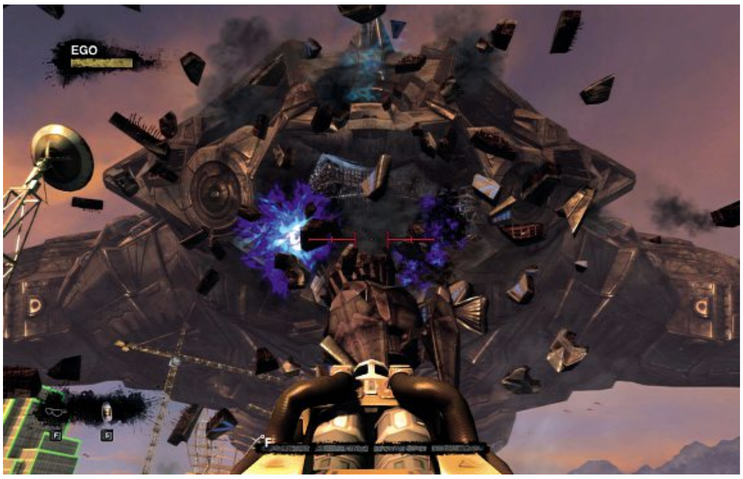
VERDICT

★★★☆☆

"A big ridiculous mess of a game. A bit like the Duke himself. But it delivers enough gore and giggles to get away with it."

As most ardent fans of the first-person shooter will doubtless already know, this sequel to *Duke Nukem 3D* has been 15 years in the making. Or, you could say, it's been 15 years coming…

However, we suspect that not all of those years have been spent actually working on it. The story of the game's protracted gestation period is a little dull, suffice to say that after many false starts, legal wrangles and the eventual picking up and finishing of the title by Take Two and Gearbox, it finally released to a wave of indifference. Critics quite rightly pointed out its many flaws – less than cutting-edge visuals, lack of innovation and wonky controls among them – but the critical backlash was, on reflection, a little too severely fuelled not only by disappointment after the long wait, but also by the critics' failure to first remove their rose-tinted spectacles before speaking out.

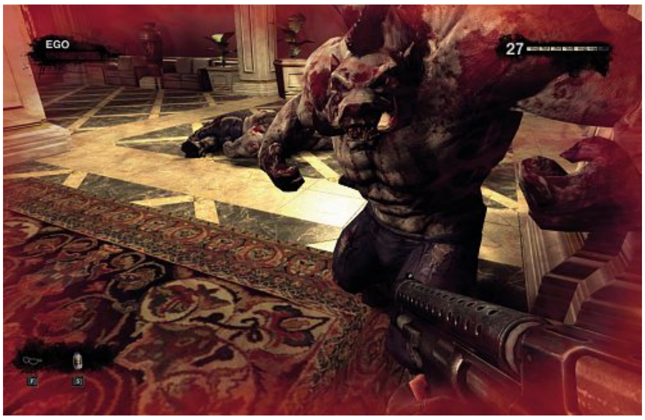


That's a rather large ship. But if anyone can single-handedly bring it down, it's Mr Nukem.

A cad and a bounder

You see, the only thing that was unique about *Duke Nukem 3D* was the unapologetic offensiveness of its swearing, sexist, borderline-psychotic hero who, at the time, stirred up quite a tasty controversy. In the intervening years, legitimate age-rating systems for games have been implemented, so *Duke Nukem Forever* doesn't even have shock value to trade in. What we're left with is a perfectly decent, but extremely ordinary first-person shooter, but with added swearing and a little too much attention on the female form.

Clearly the aliens haven't come in peace… but they will be leaving in pieces.



Bog standard

In terms of its gameplay DNF lacks innovation or ambition of any kind. The Duke can carry two weapons at any one time from an increasingly potent arsenal. He can also pick up bombs and laser-triggered mines. And, to keep him even more busy, Duke will occasionally be called upon to man a fixed weapon such as a laser cannon so that he can take on a set-piece threat.

> *"Critics quite rightly pointed out its many flaws – less than cutting-edge visuals, lack of innovation and wonky controls among them"*

Each level finishes with a standard boss battle and in-between it's pretty much a succession of slightly repetitive encounters, which includes waves of attackers coupled with exploration duties.

There are some genuine highlights. Boss battles are fun. And there are occasionally creative set pieces, such as controlling a remote-controlled car in order to retrieve an object from a locked room, shooting down alien ships, vehicle sections and the like. Plus, guzzling steroids in order to 'hulk out' and punch aliens into a gore-spattered mess is always good fun.

Then of course, there's the game's entire raison d'etre: juvenile humour. Most of the Duke's lines involve the threat of violence, expletives, narcissism and toe-curling sexual predation. The female characters are little better with no real role other than to offer Duke a favour or two. A slightly surreal example of this occurs when Duke has been shrunk down to the size of an action figure and a buxom lady pipes in with a feeble double entendre. It's very silly, but in keeping with the Duke formula.

This release is a bit scrappy, but it's certainly not the disaster many have made it out to be. It's enjoyably stupid and will almost certainly be a hit with a new generation of teenage gamers, who are happy to have a snigger at a game with loads of gore and profanity in it. But, for the rest of us, who are looking for something a little more sophisticated and groundbreaking, you're better off looking at Valve's selection of shooters.

Andy Dyer

>>RACING

Colin McRae: DiRT 2

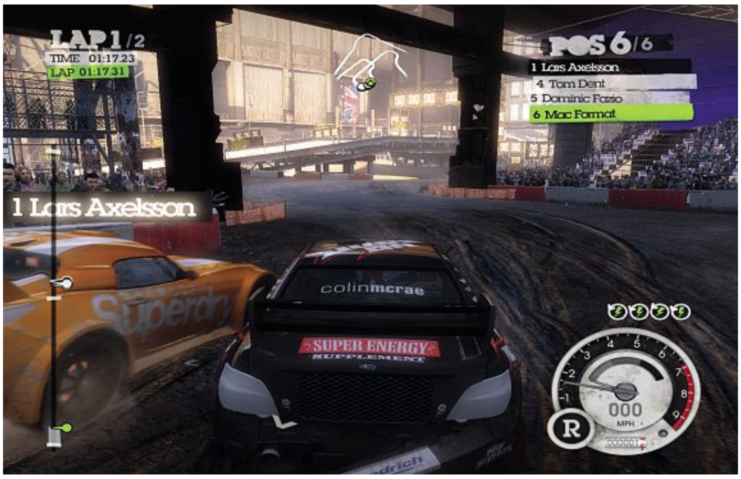
£25 Colin McRae may be gone, but his name lives on in this stunning racer

This is the first branded Colin McRae racer to be released since the rally star's untimely death in 2007. And fortunately, far from causing the chap to turn in his grave, he will instead, we suspect, be looking down from his cloud with an all-approving smile.

Although the game carries the Colin McRae name, this isn't the sort of rally simulation older gamers will remember from early on in the series. Back then the game stuck to the rules of rallying, bringing with it all the demanding control issues and time-based competition that it suggests.

But this is a thoroughly modern rally tour taking in a variety of events across a number of driving disciplines. Rather than trying to crowbar Colin into this rather younger racing environment, the developers put you in the role of a rookie driver who's just starting out on the DiRT tour but whose first drive is, rather touchingly, Mr McRae's old Subaru Impreza.

During the career mode you have to take your rookie driver – via his battered but homely old RV motorhome – to various global events in order to gain experience, cash, vehicle upgrades, trophies and fame.



Lars is going for a cheeky run up the inside. Ain't gonna happen mate, I've got Colin's old motor.

> *"The developers put you in the role of a rookie driver, whose first drive is, rather touchingly, Mr McRae's old Subaru Impreza"*

Depending on the venue you're currently at, you will be required to master several different events. In addition to the standard rally events, there are Rally Cross competitions, which feature circuit-based tracks made up of dirt and asphalt. In these you will race nose-to-nose with other rally stars (including one-time BMX legend Dave Mirra). Land Rush events play out on a circuit made up of extreme twists, jumps and banked corners, while Raid Races see competitors racing on long tracks with multiple routes and hazardous shortcuts.

Lastly, Trailblazer events take place on long stages with severe inclines. Over the course of your career you'll also get to take part in throwdown events, some of which pit you man-to-man against stars of the sport – such as the aforementioned Dave Mirra, Travis Pastrana and Ken Block, among others.

The fast game

DiRT 2 packs in vehicles with convincing controls and a real sense of power and weight to them, but ultimately comes down on the side of arcade racing and, as such, contains features to mitigate the player's shortcomings. For a start, there's a casual difficulty setting if you can't face a truly realistic technical rally drive. Also, there's the excellent Flashback system. Following a crash, you can halt the action and literally rewind time to a point before your accident where you're able to prevent it from happening. You don't have a limitless supply of Flashbacks – that would render the game pointless – but it does mean that less adept drivers can not only learn from their mistakes but also undo them and progress a little further than they otherwise might.

DiRT 2 is a fantastic racer. It's visually stunning, with a variety of play modes (including multiplayer, we hasten to add) and a great mix of both classic rally and more exotic disciplines. If it's been a few years since you've glanced at a *Colin McRae* game, it's well worth taking the time to try this, because it's not in the least the stodgy simulation of the older games which, while excellent in their own right, were something of an acquired taste. There's only one word of warning, though: this is a tough game even played with a controller; attempting it with a keyboard will send you round the bend.

Andy Dyer

KEY INFO

Developer: Feral Interactive
www.feralinteractive.com

REQUIREMENTS

OS: OS X 10.6.7 **Processor:** 2GHz Intel Only **RAM:** 2GB (4GB for Intel HD 3000 and NVIDIA 320M) **Hard disk space:** 8GB **Video:** 128MB VRAM, Intel GMA, NVIDIA 9400 and 7xxx, ATI X1xxx series not supported **Other:** Keyboard (controller recommended)

PROS & CONS

- ⊕ Visually stunning
- ⊕ Superb handling
- ⊕ Variety of play modes
- ⊕ Excellent events
- ⊕ Fun career mode
- ⊖ Dodgy keyboard control

VERDICT

★★★★★

"A stunning race game that's a credit to the McRae name. Far and away the best Mac racer money can buy."

Rallying's not just about timed stages these days. Now there are full-on circuit-based races.

X GAMES
GAME

World of Apps

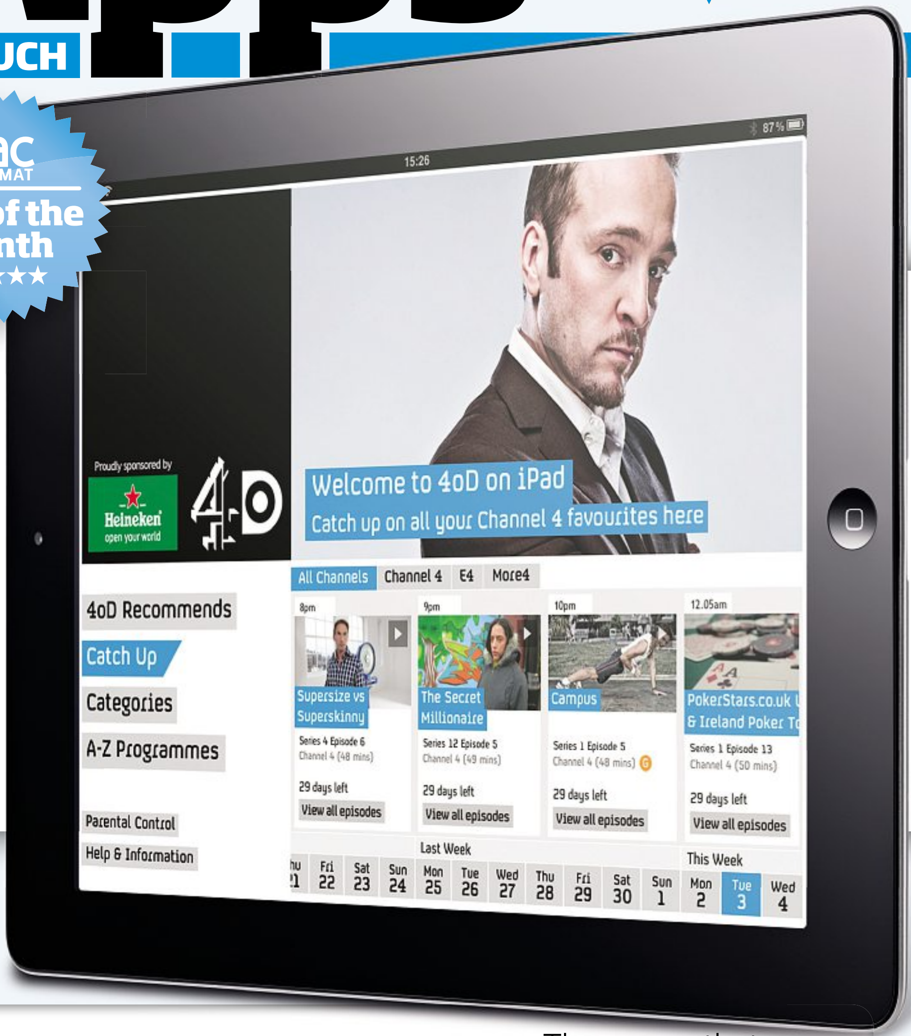
Reviews by: Graham Barlow, Andy Dyer, Tim Hardwick

>iPAD >iPHONE >iPOD TOUCH

>> THE BEST iOS APPS HERE

Whether you've got an iPhone, iPod touch or an iPad, this is the best place to come to discover great new iOS apps and get the latest tips!

Mac FORMAT
App of the month
★★★★★


15:26
87 %
Proudly sponsored by
Heineken
open your world
4oD
Welcome to 4oD on iPad
Catch up on all your Channel 4 favourites here
All Channels
Channel 4
E4
More4
4oD Recommends
Catch Up
Categories
A-Z Programmes
Parental Control
Help & Information
8pm
Supersize vs Superskinny
Series 4 Episode 6
Channel 4 (48 mins)
29 days left
View all episodes
9pm
The Secret Millionaire
Series 12 Episode 5
Channel 4 (49 mins)
29 days left
View all episodes
10pm
Campus
Series 1 Episode 5
Channel 4 (48 mins)
29 days left
View all episodes
12.05am
PokerStars.co.uk U
& Ireland Poker To
Series 1 Episode 13
Channel 4 (50 mins)
29 days left
View all episodes
Last Week
This Week
hu 21
Fri 22
Sat 23
Sun 24
Mon 25
Tue 26
Wed 27
Thu 28
Fri 29
Sat 30
Sun 1
Mon 2
Tue 3
Wed 4

4oD Catch Up

Graham recommends: "I've long wanted to use Channel 4's Catch Up service on iOS, so you can imagine my excitement when I saw 4oD pop up on the App Store. And they've just released an iPhone version as well, so I can watch it on all my devices. It's Wi-Fi-only though, and there's no AirPlay, but the picture quality is great, and that's the important thing."

Price: FREE **Version:** 2.0 **Works with:** iPad, iPhone, iPod touch

Must-have apps

Three apps that you should download without delay!

VideoMask

69p Become a superhero!

Developer: Moving Target **Works with:** iPhone, iPod touch

The idea behind *VideoMask* is to record a short clip with you being someone else. The default setup contains a handful of masks – basic overlays, such as a fireman's helmet, a rabbit or a hockey mask. What makes it better is the ability to modify it, so you can use any photos you like with it.

Our Choice

£2.99 More inconvenient truths

Developer: Push Pop Press **Works with:** iPhone, iPad

An interactive sequel to *An Inconvenient Truth*, *Our Choice* is Al Gore's second rallying call to the world. Encyclopaedic in scope and stunning in execution, this app sets out the issues and potential solutions side by side in a way that compels you to investigate further. Immersive and engaging.

FX Photo Studio

£1.99 Create pictures with a tap

Developer: macphun.com **Works with:** iPad

FX Photo Studio HD contains an astonishing 187 filter effects, in a large number of categories. The effects in *FX Photo Studio HD* are identical to those in the £1.19 iPhone/iPod touch version, but the larger screen of the iPad means you have a much better view of the result of each filter.

Tap! APPS | GAMES | KIT THE iPHONE & iPAD MAGAZINE

Looking for more iOS reviews and tips?

❯ Tap! magazine is dedicated to the iPhone, iPad and iPod touch. Find out more and buy at **www.tapmag.co.uk**

INSIDE EACH ISSUE:

❯ The latest essential apps and games
❯ New kit for iPhone, iPad & iPod touch
❯ Learn to use your device with our guides

>> ON-DEMAND TV

Demand 5

£FREE Catch up on Big Brother… if you want to, that is

Developer: Channel 5 Broadcasting Limited **Version:** 1.0.1 **Works with:** iPhone, iPod touch, iPad

Demand 5, as its name suggests, is an on-demand TV catch-up service. But there's a twist here – this is called *Demand 5 Big Brother Edition*. So if you're a fan of the show, you'll love this and if you're not, it's of no interest.

There's a lag to the video when switching between small and full-screen views and there's no AirPlay. There are, however, parental controls to prevent viewing of unsuitable video – the majority of the app's content, in other words.

VERDICT

★★★½☆

"If you love BB, you'll love this. If not, it's pointless."

>> HISTORICAL PHOTOS

Historypin

£FREE Browse old photos of your surroundings

Developer: We Are What We Do CIC **Version:** 1.01 **Works with:** iPhone, iPod touch

We all love looking at photos of how familiar places looked many years ago, and this app puts that capability in the palm of our hand – for free. With *Historypin* you can browse the world with Google Maps, which has historical photos pinned in at various locations.

While the number of images is currently limited, the social element, whereby people around the world can add their own images, means it can only get better. One to keep an eye on.

VERDICT

★★★½☆

"A lovely idea – all it needs is for lots of people to embrace it."

>> MESSAGING APP

PingMe Messenger

£FREE Send free messages to friends and family

Developer: RadiumOne Labs **Version:** 1.1 **Works with:** iPhone, iPod touch, iPad

Apple's *iMessage* service is (or will be) brilliant for sending texts and more between iOS devices. Cross-platform *PingMe* aims to get over only being able to do this between Apple gadgets. However, services such as *Skype* and *WhatsApp Messenger* are also trying to do the same.

It's quick to set up, fast, and can pull in the contacts from your Facebook account. All you have to do is persuade your friends and family to sign up to yet another service and you're laughing.

VERDICT

★★★★☆

"It's good at what it does, but you'll need your pals on board."

>> WEB BROWSER

Dolphin Browser (HD)

£FREE An alternative way to browse the web

Developer: MOBOTAP INC. **Version:** 1.0.1 **Works with:** iPhone, iPod touch, iPad (separate versions)

However good a third-party browser for the iPhone or iPad is, it's hamstrung by the fact you can't make it the default option. So when you want to open a link from an app, it can only ever be in *Safari*.

Having said that, *Dolphin* is good. It brings tabbed browsing to your iOS device and can be used full-screen. You can create speed-dial links to your favourite sites, and use the *Flipboard*-esque *Dolphin Webzine*, to add social networking streams and more.

VERDICT

★★★★☆

"A solid browser with thoughtful features."

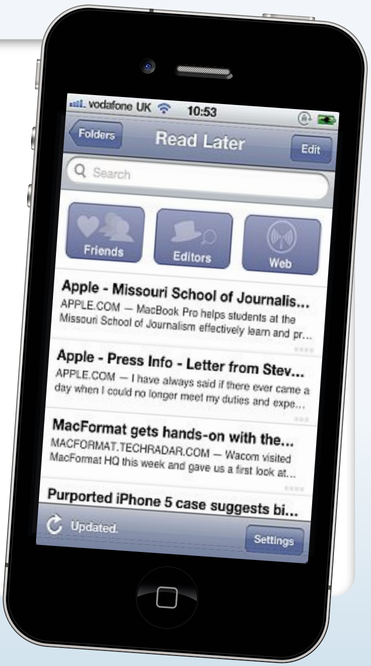
Apps round-up

Tim's guide to more great apps now available on iTunes store

Not all iPhone owners have data plans. Like iPod touch users, their internet access is limited to Wi-Fi areas and the rest of the time they make do with the net-naïve apps already installed on their device. Luckily, there are a number of apps out there that can make these occasions a little less impoverished. ***Instapaper* (£2.99, Marco Arment)** is a fantastic way to save interesting web pages for later viewing. And once you've created an account, your selections can be accessed from any Mac. ***MiGhtyDocs* (£Free, Thomas Post)** offers a similar service for your Google Docs account: it caches your documents for offline reading, the only caveat being that you can't make edits.

What if you need a reference source on the go, but you can't adequately predict what you'll want to look up? Provided you've a spare 2.6GB on your device, you could always opt for ***Encyclopedia* (£5.99, Patrick Collison)**. This useful app downloads a complete searchable copy of Wikipedia to your iPhone, iPod touch or iPad, bar associated images and other media.

This next scenario will be equally interesting to data plan users: say you're travelling abroad and you want to use *Maps* to find your way around. Problem is, you don't want to get burned by outrageous roaming fees. So download ***oMaps* (£1.49, Thomas Bonnin)** for offline maps that include GPS, zoom levels, map bookmarks and search functionality.



Apple - Missouri School of Journalis...
APPLE.COM — MacBook Pro helps students at the Missouri School of Journalism effectively learn and pr...

Apple - Press Info - Letter from Stev...
APPLE.COM — I have always said if there ever came a day when I could no longer meet my duties and expe...

MacFormat gets hands-on with the...
MACFORMAT.TECHRADAR.COM — Wacom visited MacFormat HQ this week and gave us a first look at...

Purported iPhone 5 case suggests bi...

Never miss a date

Get to grips with the Calendar app on your device

T-Mobile
16:56
100%
Calendars
All Calendars
+
September 2011
Mon
Tue
Wed
Thu
Fri
Sat
Sun
29 30 31 1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 1 2
Today
List
Day
Month

14:00 Meet Sarah for lunch
Firehouse

16:00 MacFormat meeting
Costa Coffee

KEY INFO

DIFFICULTY
Beginner

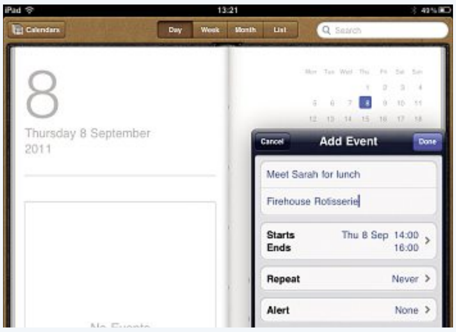
TIME NEEDED
15 minutes

WHAT YOU'LL NEED
iPhone, iPad, iPod touch

So long as you've got your iOS device with you, you will always be where you need to be, thanks to the built-in *Calendar* app. It enables you to manage your diary from your device, then sync it to your Mac elsewhere.

Syncing works by linking the app to the calendars offered by Gmail, Yahoo, AOL, Microsoft Exchange, MobileMe, and soon, iCloud. If you've already got an account with one of these set up on your device, tap the Calendars button in the top-left of the *Calendar* app and make sure the account in question is ticked. If it doesn't appear, go into the *Settings* app and tap **Mail, Contacts, Calendars**, tap the account in question and make sure **Calendars** is set to **On**.

HOW TO / Get set up with Calendar

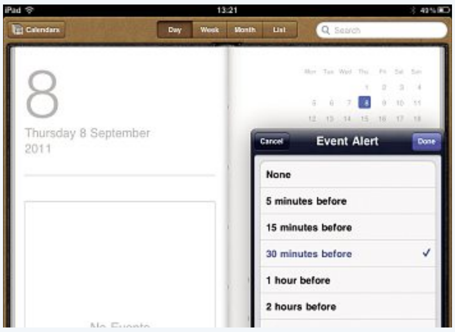

iPad
13:21
Calendars
Day
Week
Month
List
Search
Cancel
Add Event
Done

8
Thursday 8 September 2011

Meet Sarah for lunch
Firehouse Rotisserie
Starts Thu 8 Sep 14:00
Ends 16:00
Repeat Never
Alert None

01 Create your event

Tap the *Calendar* app, then tap the + button to add your appointment. Fill in the details, including a name, location and times. Use the **Repeat** button to make it a recurring appointment – this is useful for things such as weekly planning meetings.

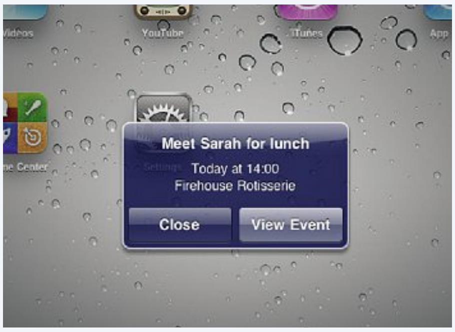

iPad
13:21
Calendars
Day
Week
Month
List
Search
Cancel
Event Alert
Done

8
Thursday 8 September 2011

None
5 minutes before
15 minutes before
30 minutes before ✓
1 hour before
2 hours before

02 Set up a reminder

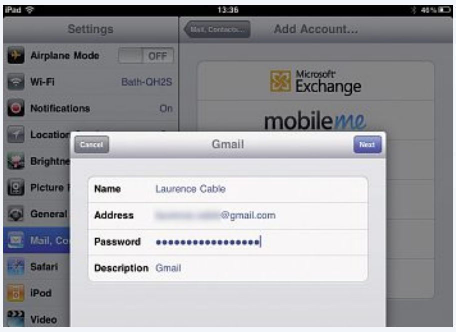
Now tap the **Alert** button. This menu lets you choose how far in advance you want to be alerted before the event. This can be from five minutes to several days. Note that you can set up a second alert, if you wish. When you've entered all the details you need, tap **Done**.


Videos
YouTube
iTunes
App
Close
View Event

Meet Sarah for lunch
Today at 14:00
Firehouse Rotisserie

03 Alert pops up

If you asked for a reminder, it'll pop up on your screen at the time you specified, and will play a sound too, if your device isn't muted. If you then need to alter the appointment details, go back into *Calendar*, tap the day, then the event, and tap **Edit** in the top-right corner.

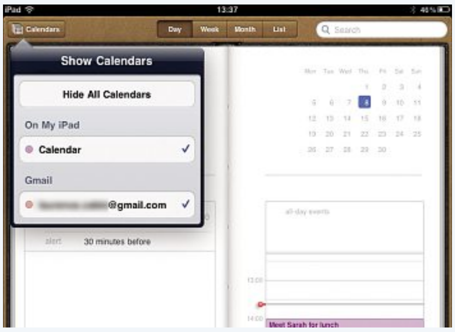

iPad
13:36
Settings
Mail, Contacts...
Add Account...
Microsoft Exchange
mobileme
Cancel
Gmail
Next
Location
Brightne
Picture
General
Mail, Co
Safari
iPod
Video

Airplane Mode OFF
Wi-Fi Bath-QH2S
Notifications On

Name Laurence Cable
Address [redacted]@gmail.com
Password ●●●●●●●●●●●●●●●●
Description Gmail

04 Account syncing

An easy way to sync to your Mac or the web is to use a Google account. If you haven't got one, sign up at **accounts.google.com**. Then go to the *Settings* app and tap **Mail, Contacts, Calendars**. Tap **Add Account…** then add your details. Tap **Next** and wait a few moments.

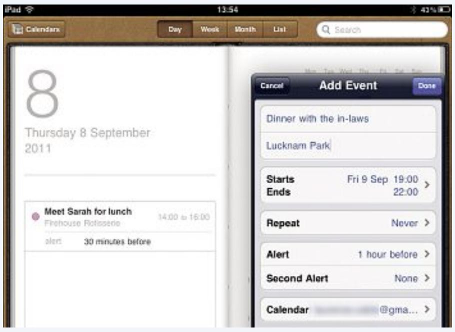

iPad
13:37
Calendars
Day
Week
Month
List
Search
Show Calendars
Hide All Calendars
On My iPad
Gmail
all-day events
13:00
14:00

Calendar ✓
[redacted]@gmail.com ✓

alert 30 minutes before
Meet Sarah for lunch

05 Add your calendar

The next screen will ask you what you'd like to sync: make sure **Calendars** is set to **On**. Choose whether you'd like to keep your existing calendars (we recommend you do), then tap **Save**. Now open *Calendar* and tap **Calendars**. Tick your Google address.


iPad
13:54
Calendars
Day
Week
Month
List
Search
Cancel
Add Event
Done

8
Thursday 8 September 2011

Meet Sarah for lunch 14:00 to 16:00
Firehouse Rotisserie
alert 30 minutes before

Dinner with the in-laws
Lucknam Park
Starts Fri 9 Sep 19:00
Ends 22:00
Repeat Never
Alert 1 hour before
Second Alert None
Calendar [redacted]@gma...

06 Create a synced event

Now when you tap + to set up an event, you'll see an additional *Calendar* option. Tap it and then tap your Google account, to make sure the event is added to that calendar. This means it's visible on any device you add your account to, or via the web at **calendar.google.com**.

Tap! APPS | GAMES | KIT
THE iPHONE & iPAD MAGAZINE

Looking for more iOS reviews and tips?
› Tap! magazine is dedicated to the iPhone, iPad and iPod touch. Find out more and buy at **www.tapmag.co.uk**

INSIDE EACH ISSUE:
› The latest essential apps and games
› New kit for iPhone, iPad & iPod touch
› Learn to use your device with our guides

» PLATFORMER

NyxQuest HD

£2.99 Alternative Greek myth goes platform

KEY INFO

Developer: Chillingo Ltd
Version: 1.01
Works with: iPad, iOS 3.2 or later

PROS & CONS

- ⊕ Great looks
- ⊕ Nice story
- ⊕ Nicely designed levels
- ⊖ Short and repetitive

VERDICT

★★★★☆

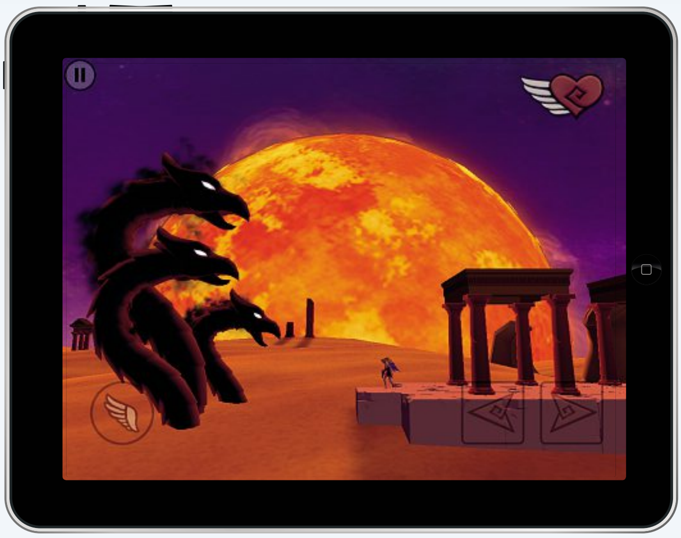
"A simple adventure that is enchanting and entertaining."

The developers may have taken a few liberties with the Greek mythology surrounding foolhardy flier Icarus and Nyx, the goddess of the night, but fortunately their mythical fiddlings have produced a beautiful and entertaining little platform game.

Playing the part of the winged Nyx, the player has to traverse each level overcoming various obstacles and mythical beasts along the way. As well as moving right and left, the player can also tap a button to make Nyx fly, although she's limited to five successive flaps of her wings before she has to land to recharge her flying powers. She can also glide once airborne.

With the control mechanism in place, the challenge comes from trying to negotiate the game's environments. As well as flying from platform to platform, trying not to fall into the burning sands or get hit by sandstorms, flaming balls and spikes, Nyx also has to manipulate parts of the environment. The player can move blocks and pillars, direct fireballs to destroy blocks, or drag platforms across the burning sands while Nyx stands on top hitching a ride.

In addition there are creatures to be avoided, such as birds, goats and multi-headed hydra. It's true that after the main game elements have been introduced there's not a lot of variety thereafter, but the game is pretty, the story is engaging and the gameplay is designed well enough to keep you interested through to the finish.



Despite the seemingly unfair size advantage, this hydra is actually pretty easy to kill.

» PHYSICS PUZZLER

Contre Jour

69p A safe and pretty physics puzzler

KEY INFO

Developer: Chillingo Ltd
Version: 1.01
Works with: iPhone, iPod Touch, iPad, iOS 3.0 or later

PROS & CONS

- ⊕ Stunning visuals
- ⊕ Challenging levels
- ⊕ Enjoyable puzzles
- ⊖ Nothing new

VERDICT

★★★★☆

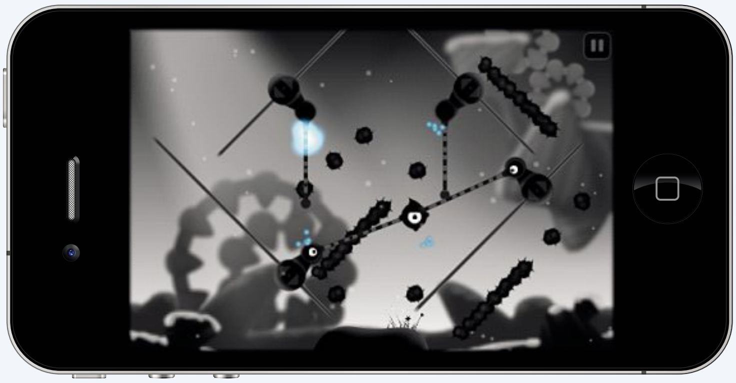
"A worthwhile purchase, but offers nothing very new."

Contre Jour, while sounding like a pretentious and seemingly meaningless title (literal translation: against day) actually refers to a photographic technique in which the lightsource is behind the subject and thus presents the scene in silhouette. Take a look at the screens presented here and you'll understand how apt the game's title is.

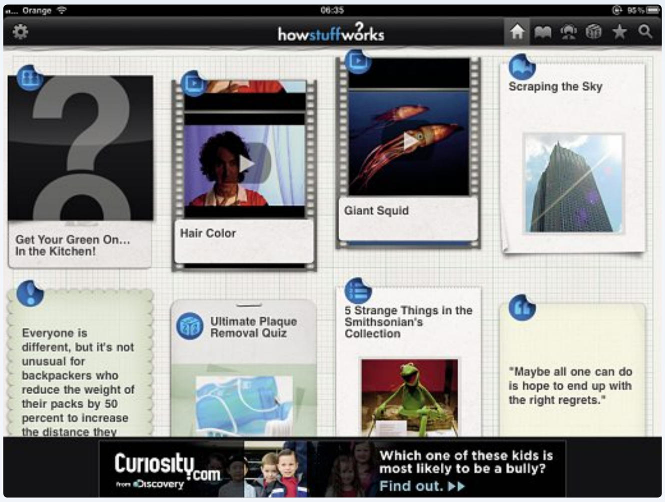
Contre Jour really is a captivatingly beautiful game – even if the gameplay itself is somewhat disappointingly derivative. The simple premise of the game is to get Petit, the little one-eyed protagonist, from his starting position to the glowing portal that represents the exit, collecting up to three sets of glowing lights along the way.

It's how you achieve this aim that will be familiar to fans of iOS physics puzzlers. You can stretch and squash the landscape to a limited degree to make Petit roll in the desired direction (a bit like *Bumpy Road*). You can attach him to a variety of stretchy and non-stretchy ropes to make him swing and fall to a desirable destination (a bit like *Cut the Rope*). You can fire him from cannon-like pods, or slingshot him from a catapult (a bit like *Angry Birds*). And you can send him into a portal to see him emerge from a second portal (a bit like, er, *Portal*).

So, there's nothing original here. But the levels look superb. From simple beginnings the ingenious design soon ramps up the difficulty, delivering 60 levels of satisfying puzzling played out in a beautiful setting with an equally lovely soundtrack to match.



In this level you can move the ropes around to guide little Petit through the various hazards.


Orange
06:35
howstuffworks
Get Your Green On… In the Kitchen!
Hair Color
Giant Squid
Scraping the Sky
Ultimate Plaque Removal Quiz
5 Strange Things in the Smithsonian's Collection
Curiosity.com from Discovery
Which one of these kids is most likely to be a bully?
Find out.

Everyone is different, but it's not unusual for backpackers who reduce the weight of their packs by 50 percent to increase the distance they

"Maybe all one can do is hope to end up with the right regrets."

Find out just about everything about anything with the HowStuffWorks for iPad app.

»ENTERTAINMENT

HowStuffWorks iPad

£FREE Find out how the world works on your iPad

Developer: HowStuffWorks.com **Version:** 1.01 **Works with:** iPad

First came the iPhone version, now this popular app has been created for the iPad with an entirely new interface. The app contains articles, podcasts and videos all dedicated to turning you into the ultimate quiz show contestant. You'll need internet access to use the app to its fullest (a lot of the content is downloaded from howitworks.com) but that also means you've got a huge amount of material here – over 40,000 articles, for example! The 'Related stuff' is a great way to dig deeper into a topic, too. We really liked the fact that there's new material every time you open the app.

VERDICT

★★★★☆

"A great way to discover fun facts and learn new things."

»PROPERTY FINDER

Rightmove

£FREE The popular property app gets an update

Developer: Rightmove **Version:** 2.0 **Works with:** iPhone, iPod touch, iOS 4.0 or later

When you're looking for a place to live in the UK, you look on Rightmove. It's what you do. This update to the website's app brings several new features. As well as linking to your Rightmove account (so you can save houses on your iPhone and look at them later on your Mac), it now includes floorplans. These are a welcome addition, though not all of them appeared properly.

We like the map view, too, which shows you key property details and marks its location.

VERDICT

★★★★½

"If you're moving house, make this app your first point of call."

»BANKSY TOUR

Banksy Bristol Tour

£1.99 Go on a tour of the graffiti artist's hometown

Developer: Gravitywell Ltd **Version:** 1.1 **Works with:** iPhone, iPod touch, iOS 4.0 or later

This app takes you on a guided tour of Banksy's West Country hometown, providing you with the locations of 14 of his works, including some less well-known ones. Each is marked on a map, named, photographed and includes insight into what's shown.

It's slick, simple to use, and the perfect companion to take with you on an unusual tour of the city. Let's hope this is just the start and that the developers add more Banksys to it!

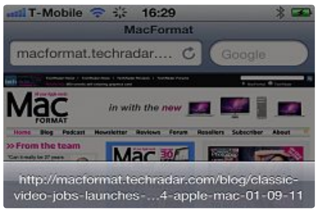
VERDICT

★★★★☆

"Go on a thought-provoking art trip through the West Country."

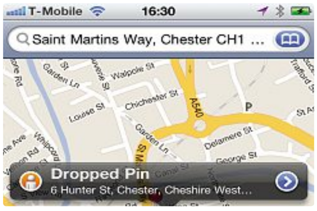
Essential iOS tips & tricks

Little tips for living a better life with your iOS device


T-Mobile
16:29
MacFormat
macformat.techradar....
Google
Mac
http://macformat.techradar.com/blog/classic-video-jobs-launches-…4-apple-mac-01-09-11

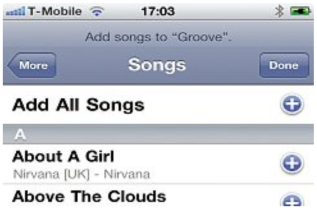
01 Safari tabs

Fear not, you don't have to lose your original page when following links on your iPhone or iPad. Simply tap and hold on any link in Safari to get the option to open it in a new tab, or 'page' as iOS calls them.


T-Mobile
16:30
Saint Martins Way, Chester CH1 …
Dropped Pin
6 Hunter St, Chester, Cheshire West…

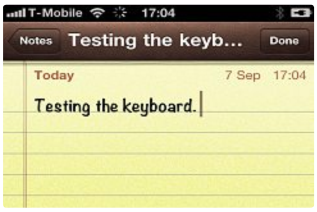
02 Drop a pin

Street View mode in the *Maps* app is great, but how do you access it? You need to drop a pin by tapping and holding. Manually added pins are purple and can be used to enter Street View mode, so you can see exactly where to go.


T-Mobile
17:03
Add songs to "Groove".
More
Songs
Done
Add All Songs
A
About A Girl
Nirvana [UK] - Nirvana
Above The Clouds

03 Portable playlist

Create playlists on the go with the *iPod* app. Go to the Playlists tab and tap Add Playlist…, then tap on Songs, Albums or Artists to access your library and tap the blue plus symbol to add the tracks you want to the playlist.


T-Mobile
17:04
Notes
Testing the keyb…
Done
Today
7 Sep 17:04
Testing the keyboard.

04 Typing tip

There are lots of keyboard shortcuts you might not be aware of. For example, you can double-tap the space bar when typing to type a full stop, then a space and finally automatically capitalise the next word you type. Handy!

AHEAD OF THE CURVE

Get the best apps before your mates with **Tap!**, the world's first true magazine for iPad

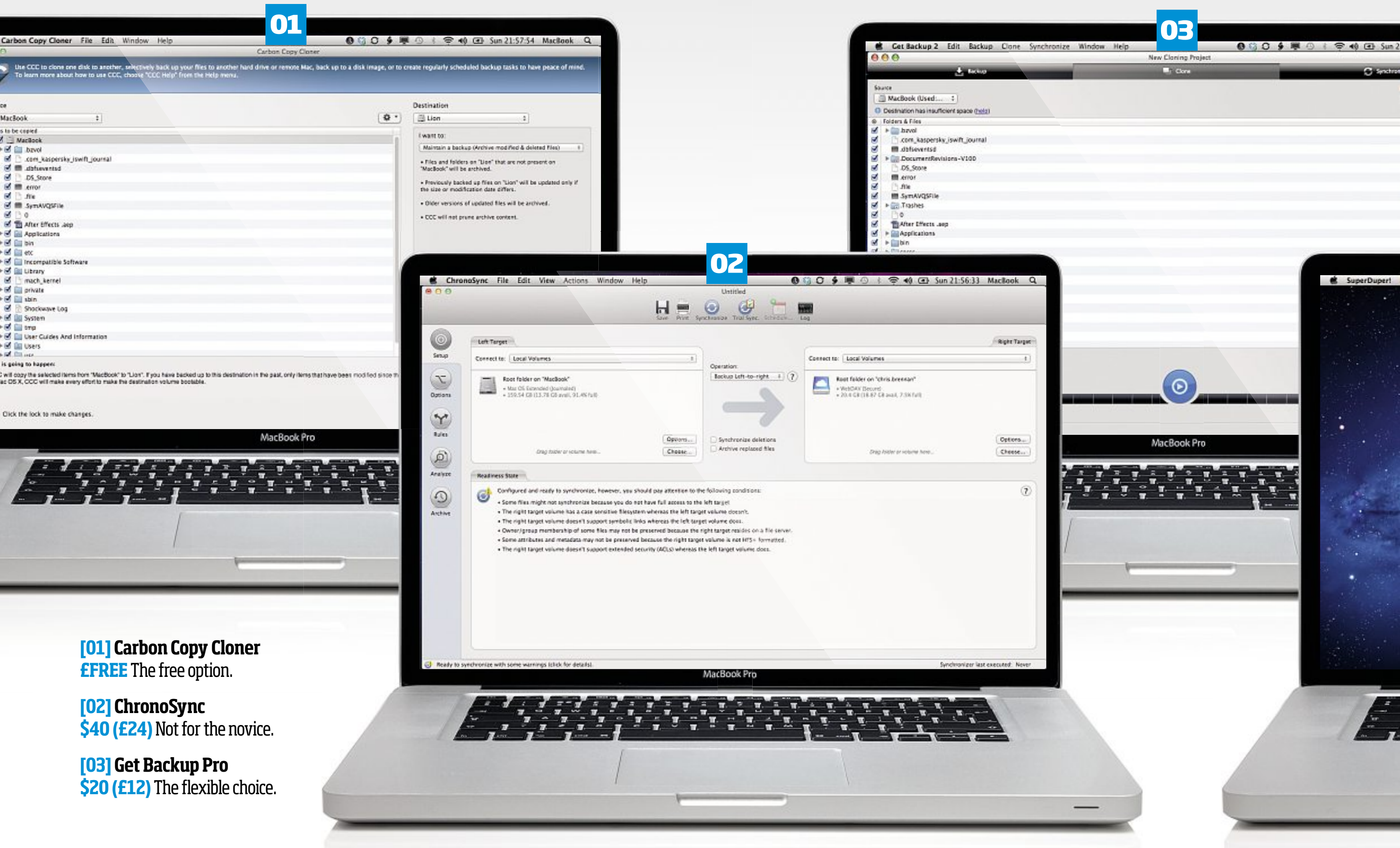
New! APP edition

iPad
12:32
100%
WELCOME: A NOTE FROM THE EDITOR
APPS | GAMES | KIT
Tap!
THE iPHONE & iPAD MAGAZINE
ISSUE NINE
SPEAKER DOCK MEGA TEST!
100 GREATEST APPS OF ALL TIME
The apps everyone must have!
Working on the go
TAP FOR MORE!

See kit from all angles, watch games in action and get the apps you want in seconds!

www.tapmag.co.uk/app

Available on the App Store



[01] Carbon Copy Cloner
£FREE The free option.

[02] ChronoSync
$40 (£24) Not for the novice.

[03] Get Backup Pro
$20 (£12) The flexible choice.

Words: Chris Brennan

Six of the best b

Backing up your data is an important undertaking; but which software makes this dull job painless?

» DID YOU KNOW THIS?

The original Macs didn't even come with a hard drive - it was operated entirely from 400k floppy disks. Today it would take milliseconds to back up the entire system. But of course, that system wouldn't hold anywhere near the amount of data we're used to these days.

All Mac users should have a backup routine. It's as plain and simple as that. However, many people don't; they are complacent and trust their hardware. Those people also run the risk of losing everything – music, movies, photos, and documents. Everything. The mantra for any Mac user should be: back up, back up, back up!

Without an adequate backup, each day there is a chance that all your precious data could be lost. Traditional hard drives are made up of tiny moving parts. All it takes for disaster to strike is for one of those parts to go awry and it's curtains for your documents. Even SSD drives aren't immune. Stories of failures and reliability issues for the super-fast drives are out there.

The problem for backup regimes is that they are incredibly boring and there's no immediately obvious benefit to the task. You backup your disk and leave it; it's not like creating a photo gallery or movie and having a pleasing end result. However, the benefit of a backup pulls into sharp focus when a hard drive does fail.

> *"Without an adequate backup, every day there is a chance that all your precious data could be lost…"*

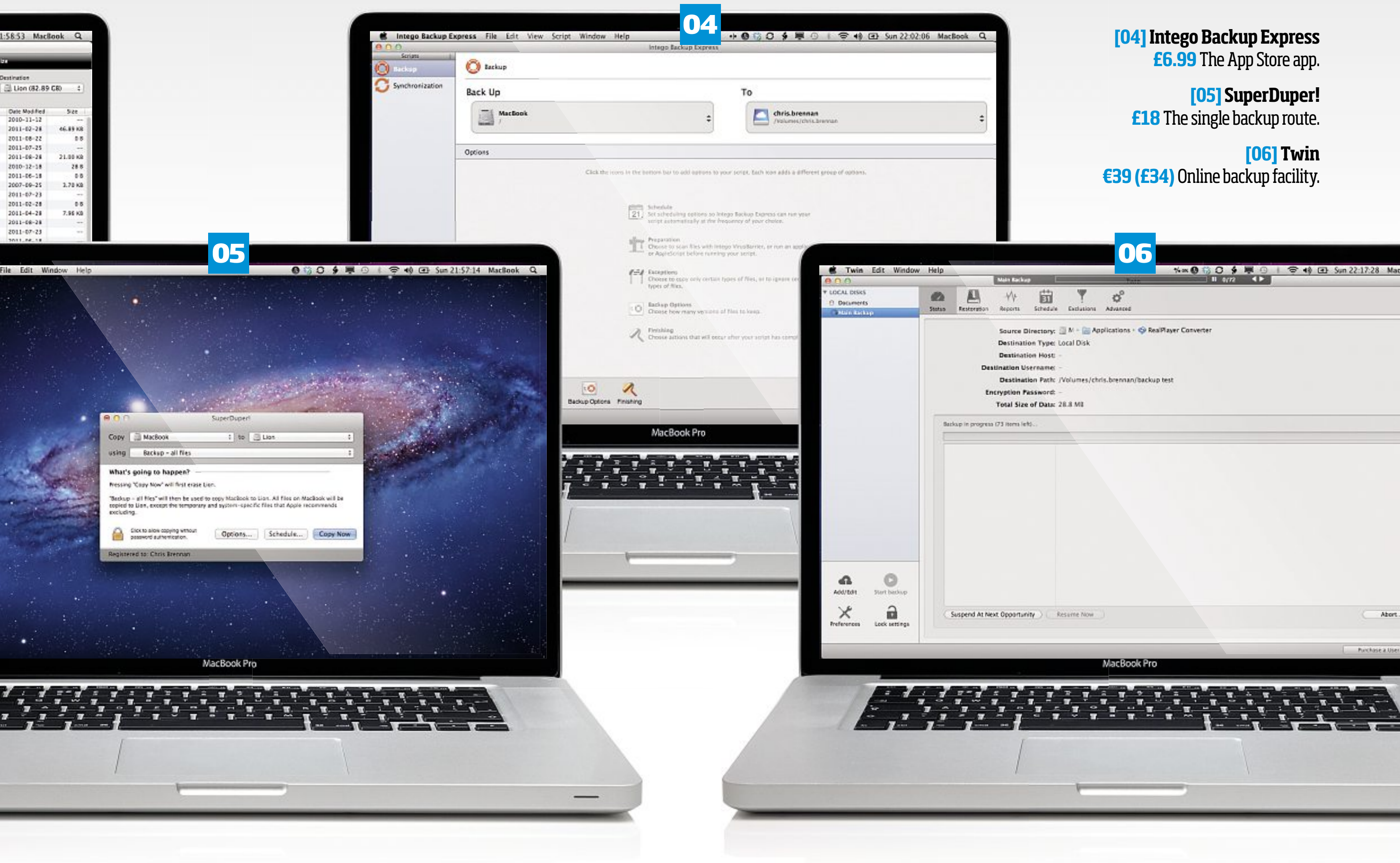
Given that backup has been a fact of life since the advent of disks, you'd think we'd have the process locked down by now. Alas, it's just not that simple. Even with Apple's *Time Machine* built in to OS X there are some features it doesn't contain.

We've gathered together a selection of backup utilities for the Mac and will be testing them for ease of use, interface design and value for money, and assessing any extra options. Which should you opt for? A good backup utility is one that does its job quickly, quietly and reliably. The more the process gets in the way of you doing the fun stuff on your Mac, the more of a pain it can be. So, let's get started… »

[04] Intego Backup Express
£6.99 The App Store app.

[05] SuperDuper!
£18 The single backup route.

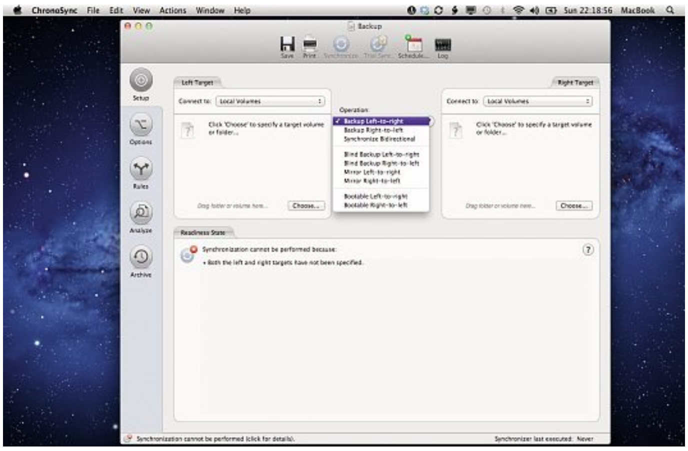
[06] Twin
€39 (£34) Online backup facility.



ackup software

BACKUP SOFTWARE / At a glance

	Carbon Copy Cloner	Chronosync	Get Backup Pro	Intego Backup Express	SuperDuper!	Twin
Price	FREE	$40 (£24)	$19.95 (£12)	£6.99	£18	€39 (£34)
Clone	Yes	Yes	Yes	No	Yes	No
Sync	Yes	Yes	Yes	Yes	No	Yes
Archive	No	Yes	Yes	Yes	No	Yes
Schedules	Yes	Yes	Yes	Yes	Yes	Yes
Network backup	Yes	Yes	No	Yes	No	Yes
Encryption	Yes	Yes	Yes	Yes	No	Yes
Backup to DVD	No	No	Yes	Yes	No	No
Requirements	Mac OS X 10.4 or later	Mac OS X 10.4 or later	Mac OS X 10.4 or later	Mac OS X 10.4 or later	Mac OS X 10.4 or later	Mac OS X 10.6 or later
Website	www.bombich.com	econtechnologies.com	www.belightsoft.com	www.intego.com	www.shirt-pocket.com	www.adnx.com


ChronoSync File Edit View Actions Window Help
Sun 22:18:56 MacBook
Backup
Save Print Synchronize Trial Sync Schedule... Log
Setup
Options
Rules
Analyze
Archive
Left Target
Right Target
Connect to: Local Volumes
Operation:
✓ Backup Left-to-right
Backup Right-to-left
Synchronize Bidirectional
Blind Backup Left-to-right
Blind Backup Right-to-left
Mirror Left-to-right
Mirror Right-to-left
Bootable Left-to-right
Bootable Right-to-left
Click 'Choose' to specify a target volume or folder...
Drag folder or volume here...
Choose...
Readiness State

Synchronization cannot be performed because:
- Both the left and right targets have not been specified.

Synchronization cannot be performed (click for details).

Synchronizer last executed: Never

ChronoSync's interface is clean and simple, and yet explains its processes in great detail.

>> TEST ONE

Interface design

How friendly is the software? Is it easy to use?

Backing up is a dull process and can be somewhat baffling to the novice user. The interfaces of these apps are all a bit technical, but in general none of them are terrible.

Naturally, beauty is in the eye of the beholder, but we liked *ChronoSync*, *Twin* and *Intego Backup Express* more than the others here. *SuperDuper!* may well appeal to those who like a very simple, minimalist interface – incredibly minimalist in fact.

Of the six tools on test it was *Twin* that most appealed. The design just makes sense to us and along with *ChronoSync* seems the most 'Lion-like'. *Carbon Copy Cloner*, *Get Backup Pro* and *SuperDuper!* don't quite have the polish of the other three.

The more an application looks the part, the easier it is to trust that software to do the job properly. Obviously, it's only a small part, but nonetheless a reassuringly well-designed interface is much more likely to put your mind at rest.

>> TEST RESULTS

Carbon Copy Cloner	★★★☆☆
ChronoSync	★★★★½
Get Backup Pro	★★★☆☆
Intego Backup Express	★★★★½
SuperDuper!	★★★☆☆
Twin	★★★★½

>> TEST TWO

Value for money

What's your backup software worth? Or is it priceless?

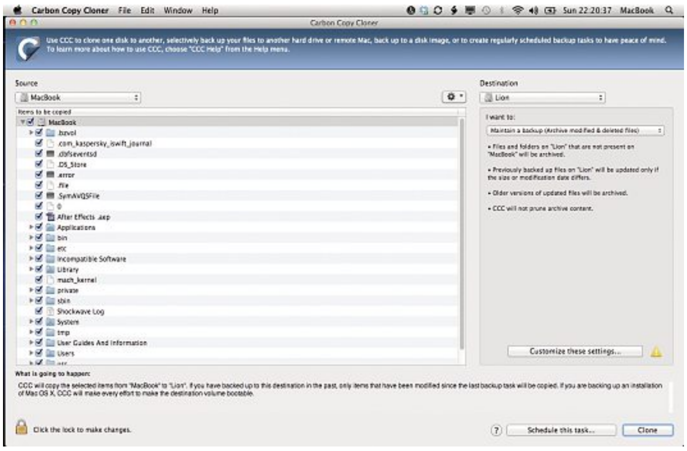
There's a clear winner here as it's incredibly difficult to argue with free. *Carbon Copy Cloner* is the old man of backup utilities for Mac nowadays, but it remains free. The entire feature set is there – you don't have to pay to unlock any extras. The developer does ask for donations, but that's entirely at your discretion and the software won't suddenly stop working just because you don't pay.

Intego Backup Express comes in as the next cheapest, but being a Mac App Store app it lacks the clone feature. A clone operation requires admin access and Mac App Store apps can't have that.

SuperDuper! and *Get Backup Pro* come in at about £20, which is still great value for money. *Twin* costs €39 (£34) and *ChronoSync* $40 (£25). These aren't wallet-busting when you consider what they do. However, *Carbon Copy Cloner* gets the plaudits here, though we urge you to make a donation to the developer if you do use it regularly.

>> TEST RESULTS

Carbon Copy Cloner	★★★★½
ChronoSync	★★★☆☆
Get Backup Pro	★★★½☆
Intego Backup Express	★★★★☆
SuperDuper!	★★★½☆
Twin	★★★½☆


Carbon Copy Cloner File Edit Window Help
Sun 22:20:37 MacBook
Carbon Copy Cloner
Source
MacBook
Destination
Lion
Items to be copied
MacBook
.bzvol
.com_kaspersky_iswift_journal
.dbfseventsd
.DS_Store
.error
.file
.SymAVQSFile
0
After Effects .aep
Applications
bin
etc
Incompatible Software
Library
mach_kernel
private
sbin
Shockwave Log
System
tmp
User Guides And Information
Users
I want to:
Maintain a backup (Archive modified & deleted files)
Customize these settings...
Click the lock to make changes.
Schedule this task...
Clone

Use CCC to clone one disk to another, selectively back up your files to another hard drive or remote Mac, back up to a disk image, or to create regularly scheduled backup tasks to have peace of mind. To learn more about how to use CCC, choose "CCC Help" from the Help menu.

- Files and folders on "Lion" that are not present on "MacBook" will be archived.
- Previously backed up files on "Lion" will be updated only if the size or modification date differs.
- Older versions of updated files will be archived.
- CCC will not prune archive content.

What is going to happen:

CCC will copy the selected items from "MacBook" to "Lion". If you have backed up to this destination in the past, only items that have been modified since the last backup task will be copied. If you are backing up an installation of Mac OS X, CCC will make every effort to make the destination volume bootable.

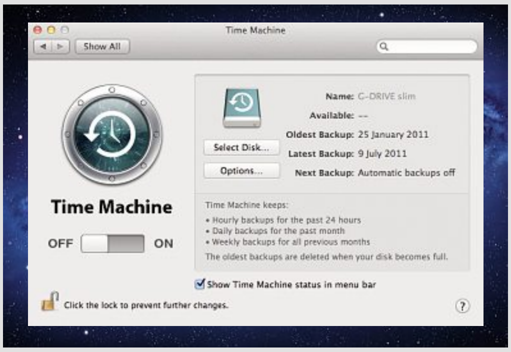
Carbon Copy Cloner is hands down the best value-for-money backup utility – it's free!

>> OS BACKUPS / Why not just use Time Machine?

Time Machine is built into the Mac and in typical Apple fashion, it looks great and just works. It is, it seems, the perfect backup tool for your Mac. However, our advice is to use *Time Machine* in addition to another backup tool.

A belt-and-braces approach will reduce your risks of data loss to an absolute minimum. There's nothing wrong with *Time Machine*, of course, and its incremental backups can be invaluable, but it's not the final word. The advantage of dipping into your hard drive and recovering a file that you've accidentally deleted is fantastic, but it's just one aspect of the backup process. Undeniably, *Time Machine* runs silently and in the background, which is what you want from a backup tool, but having two separate processes is essential if you really want to protect your data.

It's also worth noting that *Time Machine* isn't infallible and we've heard horror stories where *Time Machine* has failed to keep itself up to date. This is why you should also run another local backup if you value your data.


Time Machine
Show All
Time Machine
OFF ON
Select Disk...
Options...
Click the lock to prevent further changes.

Name: C-DRIVE slim
Available: --
Oldest Backup: 25 January 2011
Latest Backup: 9 July 2011
Next Backup: Automatic backups off

Time Machine keeps:
- Hourly backups for the past 24 hours
- Daily backups for the past month
- Weekly backups for all previous months

The oldest backups are deleted when your disk becomes full.

☑ Show Time Machine status in menu bar

It works – and works beautifully – but is it enough for your data?

>> TEST THREE

Ease of use

How simple is it to protect your data then get it back?

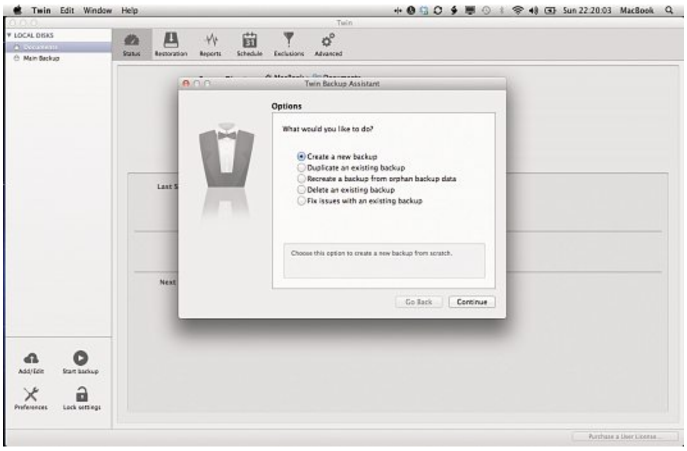
None of these applications will cause you too much trouble if you've been using OS X for a while, but if you're a new switcher or novice then there are some subtleties that can make all the difference.

We really liked the *Get Backup* approach – not the prettiest perhaps, but making a backup, a clone or synchronising disks is very clear. *Twin* has an easy-to-follow backup assistant for setting up new backups that is perfect for the novice user. *Intego Backup Express* is also worthy of a mention in the easy-to-use stakes. That's not to say the others are difficult, as such, but the likes of *SuperDuper!* and *Carbon Copy Cloner* aren't as user-friendly.

ChronoSync is a bit of a troublesome one to form an opinion on. It appears user-friendly because of the great interface. However, when you get into the bones of the app some will find it too technical. That said, if you're a confident Mac user, it's fine.

>> TEST RESULTS

Carbon Copy Cloner	★★★★⯪
ChronoSync	★★★⯪☆
Get Backup Pro	★★★★☆
Intego Backup Express	★★★★☆
SuperDuper!	★★★★⯪
Twin	★★★★☆


Twin Edit Window Help
Sun 22:20:03 MacBook
Twin
LOCAL DISKS
Documents
Main Backup
Status
Restoration
Reports
Schedule
Exclusions
Advanced
Twin Backup Assistant
Last S
Next
Add/Edit
Start backup
Preferences
Lock settings
Purchase a User License...
Go Back
Continue

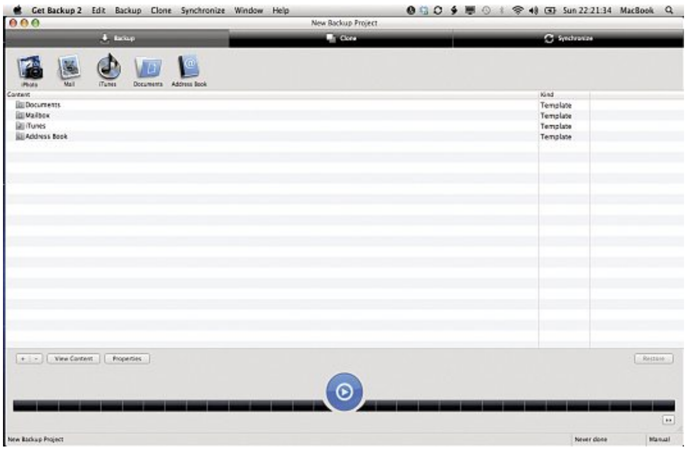
Options

What would you like to do?

● Create a new backup
○ Duplicate an existing backup
○ Recreate a backup from orphan backup data
○ Delete an existing backup
○ Fix issues with an existing backup

Choose this option to create a new backup from scratch.

Twin is a great backup utility for beginner OS X users, and takes you through every step.


Get Backup 2 Edit Backup Clone Synchronize Window Help
Sun 22:21:34 MacBook
New Backup Project
Backup
Clone
Synchronize
Photo
Mail
iTunes
Documents
Address Book
Content
Documents
Mailbox
iTunes
Address Book
Kind
Template
Template
Template
Template
View Content
Properties
Restore
New Backup Project
Never done
Manual

Get Backup Pro offers synchronisation, backup and bootable clone options.

>> TEST FOUR

Backup options

There's more than one way to back up a Mac

The big loser here is *Intego Backup Express.* By dint of it being a Mac App Store download it lacks the clone feature that will allow you to make a bootable copy of your Mac's hard drive. This is because of restrictions placed on Intego by Apple's App Store policies. However, we do feel that this is reflected in its lower price.

ChronoSync and *Get Backup Pro* offer synchronisation, backup and bootable clone options and as such are incredibly flexible. Offering all three processes does mean that no matter what your backup regimen, either of these apps will suit.

Twin has the option to back up to online destinations, such as to Amazon S3 servers. *SuperDuper!* and *Carbon Copy Cloner* don't have the same syncing options, but do offer full, reliable bootable clones, which is arguably more important in times of crisis.

Still, do you really need more functionality, or will an app that automates the process suffice?

>> TEST RESULTS

Carbon Copy Cloner	★★★⯪☆
ChronoSync	★★★★⯪
Get Backup Pro	★★★★⯪
Intego Backup Express	★★★☆☆
SuperDuper!	★★★⯪☆
Twin	★★★⯪☆

>> WINNER / Which backup tool to plump for?

We were split over the apps on test here. Some, like *Get Backup* and *ChronoSync,* offer everything plus the kitchen sink. Others like *SuperDuper!* provide a single backup route. So here's the conundrum: is it better to have one app that can do it all or a single app that you can trust to just do the one thing it does?

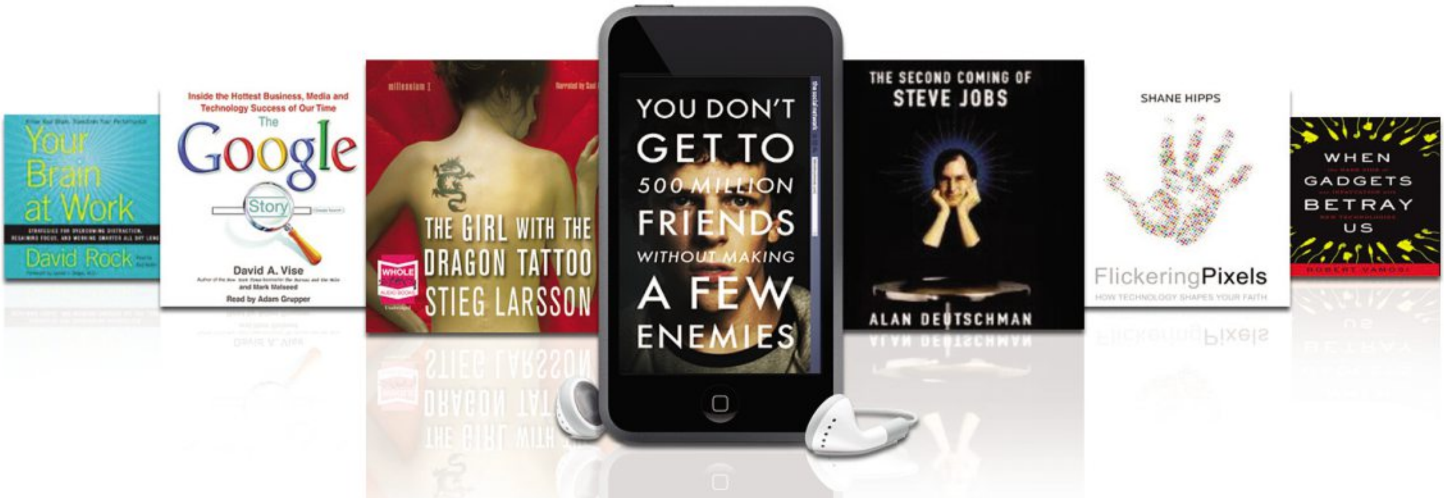
We think it's telling that all the apps scored similarly. There's barely any wriggle room between them. They all do whatever they're asked to do with aplomb. But there has to be a single winner and in this test it's *ChronoSync.* The interface looks the part and though it might be a bit harder for the novice user, the range of options and quality of the software is commendable.

>> FINAL RESULTS

Carbon Copy Cloner	★★★★☆
ChronoSync	★★★★⯪
Get Backup Pro	★★★★☆
Intego Backup Express	★★★⯪☆
SuperDuper!	★★★★☆
Twin	★★★★☆

Mac FORMAT
Winner!
MacBook Pro

FREE Audiobook
for every reader*


Your Brain at Work
David Rock
The Google Story
David A. Vise
THE GIRL WITH THE DRAGON TATTOO
STIEG LARSSON
YOU DON'T GET TO 500 MILLION FRIENDS WITHOUT MAKING A FEW ENEMIES
THE SECOND COMING OF STEVE JOBS
ALAN DEUTSCHMAN
SHANE HIPPS
FlickeringPixels
WHEN GADGETS BETRAY US
ROBERT VAMOSI

Experience Audible yourself by starting your **14-Day FREE** trial today!

Go to **audible.co.uk/tech** to sign up for a 14-Day free trial
and get a **FREE digital audiobook** from a selection of over 50,000 titles.

www.audible.co.uk/tech

Your free trial is no-commitment, and your free audiobook is yours to keep,
whether you decide to stay on to become an Audible member or not.

audible.co.uk
An Amazon company

Audible® 14 Day Free Trial Details
Get your first 14 days of our one book a month plan for free, and we'll give you a free audiobook of your choice. You will not be charged during your free trial period and even if you decide to cancel you can still keep your free download. After your 14 day trial, your membership will renew each month for just £7.99 per month so you can continue to receive one audiobook credit per month plus members-only discounts on all audio purchases. No commitment, you can cancel your membership at anytime. Any unused audiobook credits will be lost at cancellation. *One free trial per person - sorry, if you've had a free trial from Audible before, you are not eligible for this offer. However, follow the link here to find out about special discounted membership offers on-site.

> “At 940x640, the iPhone 4 has a much better screen than previous models”

YOUR GUIDE TO APPLE’S iOS DEVICE RANGE P120

HOW TO BUY

How to buy a new Mac 116
Choose the right Mac 118
What about an iPhone or iPad? 120
Choosing an iPod 121

TOP GEAR

Keyboards & mice 122
All-in-ones 122
Displays 122
Speakers/headphones 122
Digital cameras 123
Digital video cameras 123
Routers/networking 123
Storage 123
Home office 124
Visual tools and layout 124
System utilities 124
Multimedia software 124

Buyers’ Guide

- DESKTOPS
- NOTEBOOKS
- iPADS
- iPHONES
- SOFTWARE

Tim Hardwick
Production Editor

By the time you read this, we’ll know exactly what Apple has in mind for the run up to Christmas, but from this distance literally anything seems possible: iCars? Flying saucers? A replacement for the G4 Cube?

What we do know is that Apple will finally launch iOS 5, the next major update to its mobile operating system. This will be joined by an iPhone 4S or iPhone 5, or both, along with a white glass case design for the iPod touch.

You’re on fairly safe ground when it comes to buying the current iPad 2 – the next generation isn’t expected until spring next year at the earliest.

Other possibles in the run-up to Christmas include revamped iMacs and MacBooks Pros – with or without optical drives. But the product we’re waiting most of all for is iCloud, the long-awaited replacement for MobileMe. Its range of features are shaping up nicely, but the best news of all is its price: free.

>> BUYING ADVICE YOU CAN TRUST

Our mission is to ensure that when you buy a Mac-related product, you are completely informed about its best and worst features. We have a cast-iron policy of editorial independence. **For the latest prices and full review see the TechRadar URL listed next to each review.**

How to buy a new Mac

Not sure which Mac to buy? We'll help you choose!

»DID YOU KNOW THIS?

The Mac Pro is also available in a Server Edition. Out of the box, it boasts a 2.8GHz CPU, two 1TB hard drives, 8GB of memory and OS X Lion Server preinstalled.

The mid-2011 refresh brought quad-core Sandy Bridge processors to the iMac range.

The Mac Pro offers an ATI Radeon HD 5770 with 1GB GDDR5 graphics card, a 1TB hard drive and an 18x SuperDrive.

Apple sells its products every which way at once. You can buy a Mac direct from the online Apple Store (**http://store.apple.com/uk**); from one of the growing number of bricks-and-mortar Apple Stores around the country; from official 'Apple shops' within department stores, staffed by certified Apple Solutions Consultants; and from hundreds of independent Apple Authorised Resellers and Premium Resellers, variously selling online or on the high street.

The bigger independents buy direct from Apple, while others go through a network of distributors, listed at **www.apple.com/uk/buy/distributors**. Given this range of outlets, shopping around for your Mac could save you money – but probably not very much. There simply isn't much profit margin for independent dealers to knock off. The Mac's popularity means Apple doesn't have to leave a big gap between its wholesale prices and Apple Store prices – effectively the minimum and maximum level at which retailers can sell their wares.

Authorised Resellers may knock a few pounds off Apple Store prices, and can also sell you other kit at competitive prices. Although you may find fractionally lower prices online, by choosing a local dealer you could get the benefit of trying before you buy and having someone on hand to answer questions. Either way, Mac resellers tend to be very knowledgeable and keen to help.

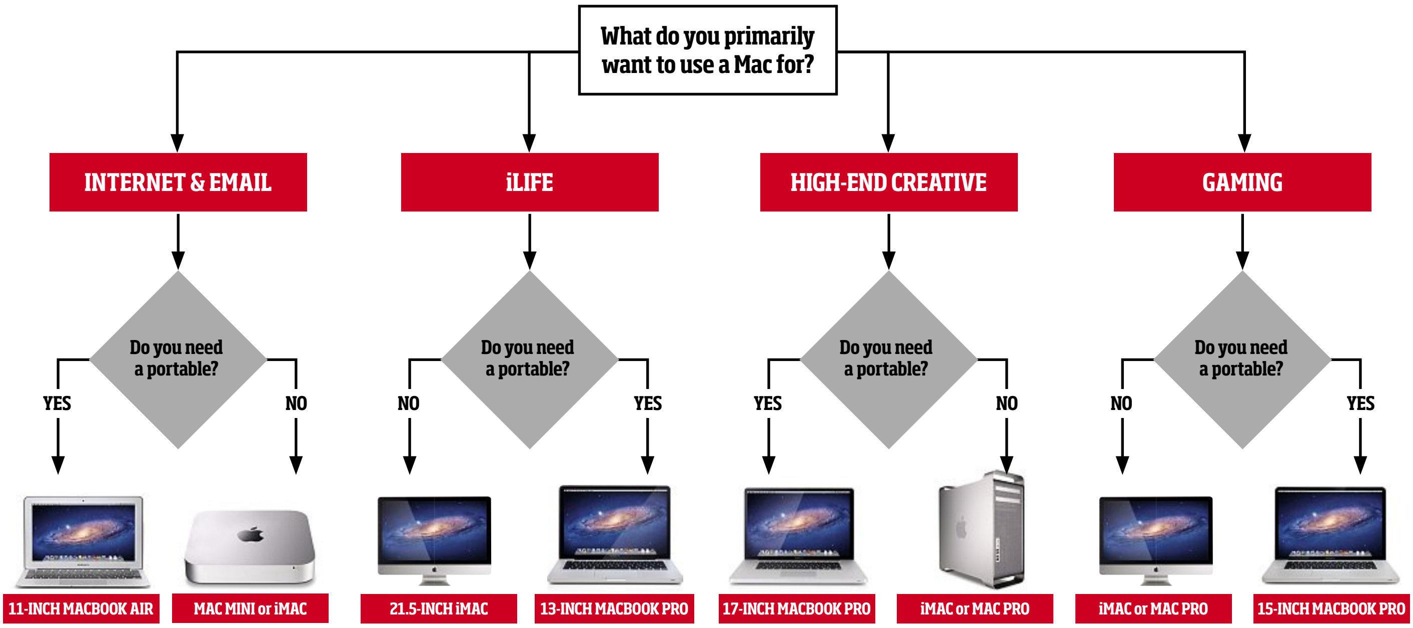
There are a couple of other ways to cut the cost of a new Mac. Business buyers can save a fortune by reclaiming the VAT and offsetting the purchase against tax. If you're not eligible, you may still qualify for a discount from Apple. Any student or teacher can get special pricing, as listed at **http://bit.ly/jowOkc**. That includes schoolkids. The reductions aren't huge, but they're worth having. For example, a top-of-the-range 27-inch iMac lists for £1,550, compared to the regular price of £1,649. Authorised Resellers can access these special rates and may even shave a bit more off for you.

To help you find the cash, Apple also offers financing options. For consumers, this spreads the payments, though you do pay interest. For businesses, flexible leasing knocks more off your tax bill and lets you upgrade your hardware – and indeed software – when necessary without spending big chunks of capital. You can find out plenty more at **www.apple.com/uk/financing**.

Your budget will stretch even further with clearance, refurb and second-user deals. If you can suppress your envy of marginally newer, shinier kit, the best time to shop for a Mac is

> *"Cut the cost of your new Mac. Business users can save a fortune by reclaiming the VAT and offsetting the purchase against tax"*

CHOOSING A MAC / Which one is right for you?


What do you primarily want to use a Mac for?
INTERNET & EMAIL
iLIFE
HIGH-END CREATIVE
GAMING
Do you need a portable?
YES
NO
NO
YES
YES
NO
NO
YES
11-INCH MACBOOK AIR
MAC MINI or iMAC
21.5-INCH iMAC
13-INCH MACBOOK PRO
17-INCH MACBOOK PRO
iMAC or MAC PRO
iMAC or MAC PRO
15-INCH MACBOOK PRO

just after Apple brings out new models. Wander down to John Lewis and you're quite likely to find the last of the old range with three-figure reductions. Do check the specs against the incoming versions, which will offer more for the same original price, but at the bottom end of the range you could pay less than the current entry-level for a perfectly good machine. Anywhere that holds Macs in stock is similarly worth a raid, and online retailers also have clearance bins.

Apple MacBooks come in a range of screen sizes, from the 11-inch Air to the 17-inch Pro

Saving money

Apple itself has a surprisingly little-known online bargain basement at http://store.apple.com/uk/browse/home/specialdeals/mac. It's a treasure trove of cut-price kit, with some clearance items and many described as 'refurbished'. This usually means someone's bought a Mac, then changed their mind or found a problem and sent it back. Industry insiders tell us these returns often have absolutely nothing wrong with them, and in any case they're fully tested and any faults fixed before they're resold. They're guaranteed for a full year, extendable up to three years via AppleCare.

Besides deciding who to buy from, there's the tricky question of which Mac to pick. You can have a MacBook Pro, MacBook Air, Mac mini, iMac or Mac Pro. Most Mac families offer several standard models, plus plenty of built-to-order options, adding up to hundreds of possibilities.

By comparing the prices of different configurations – easily done at http://store.apple.com/uk – you can suss out the best value. For example, the entry-level 21.5-inch iMac is a bargain at £999. If you want a higher spec, the next option doubles the hard disk space and adds a more powerful graphics card, but it's an extra £250. However, you're not limited to the preset models. By clicking the Select button, you can tweak the listed specifications to create your own Mac. The only downside is that you'll need to allow a week or two for your own personal Mac to arrive.

Just think of it as an exercise in delayed gratification.

> *"There's the tricky question of which Mac to pick. You can plump for a MacBook Pro, MacBook Air, Mac mini, iMac or Mac Pro"*

DID YOU KNOW THIS?

The latest MacBook Pros, released in February 2011, have new Sandy Bridge processors, great new graphics solutions and the new ultra-fast Thunderbolt connectivity port.

How to choose the perfect Mac

Let us help you make the right purchase. Here are your options…

iMac

Updated May 2011

21.5-inch 2.5GHz

£999

- 2.5GHz quad-core Intel Core i5
- 21.5-inch glossy widescreen (1,920x1,080 pixels)
- 4GB RAM (expandable to up to 16GB)
- 500GB hard drive
- 8x double-layer SuperDrive
- AMD Radeon HD 6750M graphics with 512MB GDDR5 memory
- 4x USB 2.0 ports; 1x FireWire 800 port; 1x Thunderbolt port; 1xSDXC card slot
- Ships with Mac OS X Snow Leopard, iLife '11, Magic Mouse, keyboard

21.5-inch 2.7GHz

£1,249

- 2.7GHz quad-core Intel Core i5
- 21.5-inch glossy widescreen (1,920x1,080 pixels)
- 4GB RAM (expandable to up to 16GB)
- 1TB hard drive
- 8x double-layer SuperDrive
- AMD Radeon HD 6770M graphics with 512MB GDDR5 memory
- 4x USB 2.0 ports; 1x FireWire 800 port; 1x Thunderbolt port; 1xSDXC card slot
- Ships with Mac OS X Snow Leopard, iLife '11, Magic Mouse, keyboard

27-inch 2.7GHz

£1,399

- 2.7GHz quad-core Intel Core i5
- 27-inch glossy widescreen (2560x1440 pixels)
- 4GB RAM (exprndable to up to 16GB)
- 1TB hard drive
- 8x double-layer SuperDrive
- AMD Radeon HD 6770M graphics with 512MB GDDR5 memory
- 4x USB 2.0 ports; 1x FireWire 800 port; 2x Thunderbolt ports; 1xSDXC card slot
- Ships with Mac OS X Snow Leopard, iLife '11, Magic Mouse, keyboard

27-inch 3.1GHz

£1,649

- 3.1GHz quad core Intel Core i5
- 27-inch glossy widescreen (2560x1440 pixels)
- 4GB RAM (expandable to up to 16GB)
- 1TB hard drive
- 8x double-layer SuperDrive
- AMD Radeon HD 6970M graphics with 1GB GDDR5 memory
- 4x USB 2.0 ports; 1x FireWire 800 port; 2x Thunderbolt port; 1xSDXC card slot
- Ships with Mac OS X Snow Leopard, iLife '11, Magic Mouse, keyboard

Mac mini

Updated July 2011

2.3GHz 500GB

£529

- 2.3GHz dual core Intel Core i5
- 2GB RAM (2x 1GB 1333MHz)
- 500GB SATA, 5,400rpm HDD
- 3MB shared L3 cache
- Intel HD Graphics 3000 with 288MB of DDR3 SDRAM shared with main memory
- 802.11n WiFi, Bluetooth 4.0,10/100/1000BASE-T Ethernet
- 1x Thunderbolt, 1xFireWire 800, 4x USB 2.0 ports
- SDXC card reader
- Lion, iLife '11
- HDMI video out with HDMI to DVI adapter
- No optical drive

2.5GHz 500GB

£699

- 2.5GHz dual core Intel Core i5
- 4GB RAM (2x 2GB 1333MHz)
- 500GB SATA, 5,400rpm HDD
- 3MB shared L3 cache
- AMD Radeon HD 6630M graphics processor with 256MB of GDDR5 memory
- 802.11n WiFi, Bluetooth 4.0, 10/100/1000BASE-T Ethernet
- 1x Thunderbolt, 1xFireWire 800, 4x USB 2.0 ports
- SDXC card reader
- Lion, iLife '11
- HDMI video out with HDMI to DVI adapter
- No optical drive

Quad-Core

£2,041

• 2.8GHz Quad-Core Intel Xeon • 3GB RAM (expandable to up to 16GB) • ATI Radeon HD 5770 with 1GB of GDDR5 memory • Two Mini DisplayPorts, one DVI port • 1TB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD±RW/CD-RW) • 4x PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FW 800 ports • Keyboard with numerical keypad & Magic Mouse

8-Core

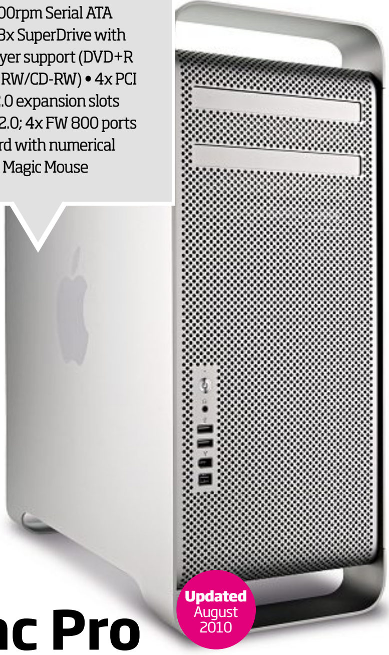
£2,859

• Two 2.4GHz Quad-Core Intel Xeon • 6GB RAM (expandable to up to 32GB) • ATI Radeon HD 5770 with 1GB of GDDR5 memory • Two Mini DisplayPorts, one DVI port • 1TB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD±RW/CD-RW) • 4x PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FW 800 ports • Keyboard with numerical keypad & Magic Mouse

12-Core

£4,083

• Two 2.6GHz 6-Core Intel Xeon • 6GB RAM (expandable to up to 32GB) • ATI Radeon HD 5770 with 1GB of GDDR5 memory • Two Mini DisplayPorts, one DVI port • 1TB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD±RW/CD-RW) • 3x PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FW 800 ports • Keyboard with numerical keypad & Magic Mouse



Mac Pro

Updated
August
2010

13-inch 2.3GHz

£999

• 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 2.3GHz dual-core Intel Core i5 processor • 7-hour battery • 4GB (two 2GB SO-DIMMs) of 1333MHz DDR3 memory • 320GB, 5,400rpm hard drive • 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW) • Intel HD Graphics 3000 • Mac OS X 10.6 and iLife '11 • 1x Thunderbolt port, 1x FireWire 800, 2x USB 2.0, 1x SDXC card slot

13-inch 2.7GHz

£1,299

• 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 2.7GHz dual-core Intel Core i7 processor • 7-hour battery • 4GB (two 2GB SO-DIMMs) of 1333MHz DDR3 memory • 500GB, 5,400rpm hard drive • 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW) • Intel HD Graphics 3000 • Mac OS X 10.6 and iLife '11 • 1x Thunderbolt port, 1x FireWire 800, 2x USB 2.0, 1x SDXC card slot

15-inch 2.0GHz

£1,549

• 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels • 2.0GHz quad-core Intel Core i7, 6MB shared L3 cache • 4GB 1333MHz DDR3 memory • 500GB, 5,400rpm hard drive • 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW) • AMD Radeon HD 6490M graphics processor with 256MB of GDDR5 memory • Mac OS X 10.6 and iLife '11 • 1x Thunderbolt port, 1x FW 800, 2x USB 2.0, 1x SDXC slot

15-inch 2.2GHz

£1,849

• 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels • 2.2GHz quad-core Intel Core i7, 6MB shared L3 cache • 4GB 1333MHz DDR3 memory • 750GB, 5,400rpm hard drive • 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW) • AMD Radeon HD 6750M graphics processor with 1GB of GDDR5 memory • Mac OS X 10.6 and iLife '11 • 1x Thunderbolt port, 1x FW 800, 2x USB 2.0, 1x SDXC slot

13-inch models

£1,099/£1,349

• 1.7GHz Intel Core i5 CPU • 13.3-inch LED-backlit glossy widescreen at 1440x900 pixels • 128GB or 256GB of flash storage • Intel HD Graphics 3000 processor • 4GB of 1333MHz DDR3 memory • Seven-hour battery life, or 30 days on standby • FaceTime camera • 2x USB 2.0 ports, Thunderbolt port, 802.11n WiFi, Bluetooth 4.0 • SD reader • Lion and iLife '11

11-inch models

£849/£999

• 1.6GHz Intel Core i5 CPU • 11.6-inch LED-backlit glossy widescreen at 1366x768 pixels • 64GB or 128GB of flash storage • Intel HD Graphics 3000 processor • 2GB or 4GB of 1333MHz DDR3 memory • Five-hour battery life, or 30 days on standby • FaceTime camera • 2x USB 2.0 ports, Thunderbolt port, 802.11n WiFi, Bluetooth 4.0 • Lion and iLife '11 preinstalled

17-inch 2.2GHz

£2,099

• 17-inch LED-backlit glossy widescreen 1,920x1,200 pixels • 2.2GHz quad-core Intel Core i7, 6MB shared L3 cache • 4GB 1333MHz DDR3 memory • 750GB, 5,400rpm hard drive • 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW) • AMD Radeon HD 6750M graphics processor with 1GB of GDDR5 memory • Mac OS X 10.6, iLife '11 • 1x Thunderbolt port, 1x FireWire 800, 3x USB 2.0, 1x ExpressCard/34 slot

Updated
July
2011

Updated
July
2011

MacBook Air

Updated
Feb
2011

MacBook Pro

What about an iPhone or iPad?

Apple's mobile devices are designed to sync perfectly with your Mac

»DID YOU KNOW THIS?

The white version of the iPhone 4 was a long time coming, but it's now available to buy. The 16GB version in either black or white costs £510 without a contract, with the 32GB model costing £612.

Both the iPhone and iPad have a touchscreen, come with email and web-browsing applications and are capable of running third-party apps that you can get from Apple's App Store. But the iPad isn't simply a bigger iPhone. The iPhone is first and foremost a phone, and like all mobile phones, unless you buy it on Pay as You Go (which makes the device itself much more expensive) you're going to be tied into a phone contract.

If you want all the features of the iPhone but without the phone part, then consider getting an iPod touch instead (see over the page). If you're looking for a phone then you'll find the iPhone is designed to cover all your data needs while you're on the go, and fits in your pocket.

In contrast, the iPad is a device that sits somewhere between an iPhone and a Mac. It also comes with a 3G data contract option, but that doesn't include phone calls. The only phone calls you can make with it will be digitally, using VoIP apps, such as *Skype*. While a lot of people find the iPhone perfectly acceptable for home use, if you just need to check your email or do a quick bit of web surfing, the iPad is positively designed to be used from your sofa. It has built-in Wi-Fi, which means you can check emails and browse the web on your wireless network at home. Here it would fulfil most functions of a laptop, but don't fall into the trap of thinking of the iPad as a replacement for a home computer.

> "The iPad uses solid-state memory, so it's pretty-much instant on. There's no waiting around for it to boot up. It's also lightweight"

It's fundamentally designed to be an accessory. You're meant to keep your data on your Mac and sync your iPad with it, not the other way around.

It does have some big advantages over a Mac laptop, though. For a start, because it uses solid-state memory it's pretty-much instant on. There's no waiting around for it to boot up. It's also lightweight, extremely portable and the perfect size to be used as an ebook reader.

The iPhone currently comes in two versions, the 3GS and iPhone 4. The latest model, the iPhone 4, features a stunning new 960x640 high-resolution display, making it much easier to read on-screen text. The screen itself is now IPS (in plane switching) for great viewing angles. However you hold it, the colours won't shift. There's also a front-facing camera for video chat and HD video recording using the rear camera.

The iPad 2 comes in black and white, each in three capacities, 16GB, 32GB and 64GB, available in Wi-Fi or Wi-Fi + 3G versions. Each 3G version costs £100 more than a Wi-Fi-only model with a similar memory capacity. Prices start at £399 for the 16GB Wi-Fi version, and go up to £659 for the top-range 64GB Wi-Fi + 3G iPad.

Use your iPad 2 to surf the web, run apps, send and receive emails, and listen to your music.

The iPhone 4 has a much better screen than previous models. This Retina display has a 960x640 pixel resolution.

HOW TO BUY

iPad 2

Updated
March
2011

iPad 16GB

£399 Wi-Fi
£499 Wi-Fi + 3G

• 9.7-inch LED-widescreen, 1024x768 pixels • 1GHz dual core Apple A5 CPU • 25Wh battery gives up to 10 hours use • 3.5mm stereo headphone jack • Built-in speaker & mic • 720p, 30 fps rear-facing camera, VGA front camera • GPS (iPad Wi-Fi + 3G only) • 241.2x185.7x8.8mm • 601g (Wi-Fi), 613g (Wi-Fi + 3G) • Accelerometer, three-axis gyro, ambient light sensor

iPad 32GB

£479 Wi-Fi
£579 Wi-Fi + 3G

• 9.7-inch LED-widescreen, 1024x768 pixels • 1GHz dual core Apple A5 CPU • 25Wh battery gives up to 10 hours use • 3.5mm stereo headphone jack • Built-in speaker & mic • 720p, 30 fps rear-facing camera, VGA front camera • GPS (iPad Wi-Fi + 3G only) • 241.2x185.7x8.8mm • 601g (Wi-Fi), 613g (Wi-Fi + 3G) • Accelerometer, three-axis gyro, ambient light sensor

iPad 64GB

£559 Wi-Fi
£659 Wi-Fi + 3G

• 9.7-inch LED-widescreen, 1024x768 pixels • 1GHz dual core Apple A5 CPU • 25Wh battery gives up to 10 hours use • 3.5mm stereo headphone jack • Built-in speaker & mic • 720p, 30 fps rear-facing camera, VGA front camera • GPS (iPad Wi-Fi + 3G only) • 241.2x185.7x8.8mm • 601g (Wi-Fi), 613g (Wi-Fi + 3G) • Accelerometer, three-axis gyro, ambient light sensor

iPhone

Updated
June
2010

iPhone 3GS 8GB

£428 (Pay & Go)

• Available in black • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR • Photo and video geotagging • Battery lasts up to 30 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 12 hours (talktime) • 115.5x62.1x12.3mm • 135g • Requires Mac OS X 10.4.11 or later

iPhone 4 16GB

£510 (Pay & Go)

• Available in black or white • 3.5-inch widescreen • 960x640 pixels • Wi-Fi (802.11b/g/n) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.1 + EDR • Photo and video geotagging • Battery lasts up to 40 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 14 hours (talktime) • 115.5x58.6x9.3mm • 137g • Requires Mac OS X 10.5.8 or later

iPhone 4 32GB

£612 (Pay & Go)

• Available in black or white • 3.5-inch widescreen • 960x640 pixels • Wi-Fi (802.11b/g/n) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.1 + EDR • Photo and video geotagging • Battery lasts up to 40 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 14 hours (talktime) • 115.5x58.6x9.3mm • 137g • Requires Mac OS X 10.5.8 or later

>> CHOOSING AN iPOD

Updated
September
2010

iPod shuffle 2GB

£40

• Up to 500 songs • No ability to display photos or videos • Available in five colours; silver, blue, green, yellow, pink • No screen, but the control pad returns • VoiceOver enables your iPod to talk to you • 3.5-mm stereo headphone jack is used for both audio out and USB charging • Battery lasts up to 15 hours • 29x31.6x8.7mm • 12.5g

Updated
September
2010

iPod nano 8GB

£131

• Up to 2,000 songs • Up to 7,000 photos • Includes Nike+iPod support • Available in silver, black, blue, green, yellow, pink and red (Apple Store exclusive) • 1.54-inch diagonal Multi-Touch screen • 240x240 pixel resolution (220 pixels per inch) • Battery lasts up to 24 hours • Includes VoiceOver technology and an FM radio • 37.5x40.9x 8.78mm • 21.1g

iPod nano 16GB

£163

• Up to 4,000 songs • Up to 14,000 photos • Includes Nike+iPod support • Available in silver, black, blue, green, yellow, pink and red (Apple Store exclusive) • 1.54-inch diagonal Multi-Touch screen • 240x240 pixel resolution (220 pixels per inch) • Battery lasts up to 24 hours • Includes VoiceOver technology and an FM radio • 37.5x40.9x 8.78mm • 21.1g

Updated
September
2010

iPod touch 8GB

£193

• Up to 1,750 songs • Up to 10,000 photos • Up to 10 hours of video • Available in black • 3.5-inch screen, 960x640 pixels • Wi-Fi (802.11b/g/n, 802.11n at 2.4GHz only) • Nike + iPod support • Battery lasts up to 40 hours (audio) seven hours (video) • Video recording at 720p HD, up to 30 frames per second • 960x720 still photos • 111x58.9x7.2mm • 101g

iPod touch 32GB

£254

• Up to 7,000 songs • Up to 25,000 photos • Up to 40 hours of video • Available in black • 3.5-inch screen, 960x640 pixels • Wi-Fi (802.11b/g/n, 802.11n at 2.4GHz only) • Nike + iPod support • Battery lasts up to 40 hours (audio) seven hours (video) • Video recording at 720p HD, up to 30 frames per second • 960x720 still photos • 111x58.9x7.2mm • 101g

iPod touch 64GB

£336

• Up to 14,000 songs • Up to 50,000 photos • Up to 80 hours of video • Available in black • 3.5-inch screen, 960x640 pixels • Wi-Fi (802.11b/g/n, 802.11n at 2.4GHz only) • Nike + iPod support • Battery lasts up to 40 hours (audio) seven hours (video) • Video recording at 720p HD, up to 30 frames per second • 960x720 still photos • 111x58.9x7.2mm • 101g

iPod classic 160GB

Updated
September
2009

£197

• Up to 40,000 songs • Up to 25,000 photos • Up to 200 hours of video • Available in black and silver • 2.5-inch screen • 320x240 pixels • Battery lasts up to 36 hours (audio) • Battery lasts up to 6 hours (video) • 103.5x61.8x 10.5mm • 140g

Love this mag?
LOVE OUR APPS!

The Essential iLife '11 Handbook
iPad: The Essential Handbook
100 tricks and tips for iPad 2

Get them at:
www.myfavouritemagazines.co.uk/apps

Available on the App Store

KEYBOARDS & MICE

Apple Magic Trackpad

★★★★☆

Price: £60 **Reviewed:** Issue 226
Web: www.apple.com/uk
Full review: www.techradar.com/ 713555
Key specs: 13.13x13.01x1.83cm; Bluetooth connectivity; powered by 2x AA batteries; requires Mac OS X 10.6.4

⊕ Brings the MacBook's famous gestures to Apple's desktop range
⊖ Snow Leopard only

"Well conceived and beautifully executed, it's well worth a try if you use a Mac Pro, iMac or Mac mini at home or work."

Wacom Bamboo Fun Small ★★★★★

Price: £84 **Reviewed:** Issue 214
Full review: www.techradar.com/637575
Key specs: 1,024 pressure levels; Gestures
⊕ Gesture support, good software bundle
⊖ Expensive

Microsoft Arc Mouse ★★★★★

Price: £29 **Reviewed:** Issue 229
Full review: www.techradar.com/913796
Key specs: Wireless operation; foldable form factor
⊕ Highly portable. Has four customisable buttons
⊖ Might not suit those who like a small mouse

PRINTERS & ALL-IN-ONES

Canon PIXMA MP640

★★★★★

Price: £200 **Reviewed:** Issue 215
Web: www.canon.co.uk
Full review: www.techradar.com/644919
Key specs: Printer (9,600x2,400dpi, 5-ink printing); supports all major memory card formats; on-body printing

⊕ Phenomenal feature package; great print quality
⊖ Weak instructions might confuse newbies

"The mix of stellar print quality and an excellent feature package make the Canon MP640 a great buy."

Canon PIXMA MG6150 ★★★★★

Price: £150 **Reviewed:** Issue 227
Full review: www.techradar.com/719361
Key specs: Six-tank inkjet; touch-sensitive controls
⊕ Comprehensive connectivity; stellar print quality
⊖ Could be faster

Samsung ML-2855ND ★★★★★

Price: £154 **Reviewed:** Issue 221
Key specs: Mono laser printer
Full review: MF Issue 221 group test
⊕ Incredible value to run and great print quality
⊖ A little bulky, and obviously won't do colour

DISPLAYS

Apple Cinema Display

★★★½☆

Price: £918 **Reviewed:** Issue 229
Web: www.apple.com/uk
Full review: www.techradar.com/912746
Key specs: 27-inch LED screen, 2,560x 1,440, 12ms response time, 3x self-powered USB ports, iSight camera

⊕ Bright and sharp; good speakers; single cable to Mac
⊖ Height not adjustable; very expensive; average colour consistency

"The picture's sharp and the colours are bright and vivid, but just look at that price tag. Quality, but too expensive."

EIZO FORIS FS2331 ★★★★★

Price: £315 **Reviewed:** Issue 237
Full review: MF Issue 237 group test
Key specs: Good value mid-range monitor
⊕ Good text reproduction; excellent for gamers
⊖ No major drawbacks to speak of

Samsung FX2490HD ★★★★☆

Price: £266 **Reviewed:** Issue 230
Full review: www.techradar.com/908753
Key specs: 24-inch LED screen, 1,920x1,280 res
⊕ Great screen, good audio, includes TV tuner
⊖ Lacks adjustability, pricey and lacks HD channels

SPEAKERS/HEADPHONES

Sennheiser HD 518

★★★★★

Price: £95 **Reviewed:** Issue 235
Web: www.sennheiser.co.uk
Full review: www.techradar.com/954009
Key specs: Frequency response 14Hz-26KHz; cable length 3m; connector; 6.3mm stereo jack with 3.5mm adapter

⊕ Excellent sound quality; comfortable, lightweight design
⊖ Not great with low bitrate MP3s; no inline mic and controls

"Ideal for all-day listening, these headphones have audiophile chops aplenty. Very comfortable too."

Arcam rCube ★★★★★

Price: £500 **Reviewed:** Issue 231
Full review: www.techradar.com/926264
Key specs: Mains or rechargeable battery-powered
⊕ Stellar sound; robust and stylish; transportable
⊖ Harshly exposes heavily compressed MP3s

Orbit USB Stereo ★★★★½

Price: £33 **Reviewed:** Issue 236
Full review: www.techradar.com/963037
Key specs: 2x40mm drivers, travel bag included
⊕ Crisp, clear sound; very portable; good value
⊖ Bass not very prominent

DIGITAL CAMERAS

Canon IXUS 220HS

★★★★★

Price: £199 **Reviewed:** Issue 235
Web: www.canon.co.uk
Full review: www.techradar.com/932082
Key specs: 12.1MP resolution; 4.3-21.5mm lens f/2.7-f/5.9; electronic viewfinder 2.7-inch LCD with 230,000 dots

⊕ Stylish, tough steel body; easy to carry; high quality images
⊖ LCD reflections in the sun

"Even at lower settings, this camera impresses with the detail it captures. A good choice for snapping social events."

Samsung NX100 ★★★★☆

Price: £249 **Reviewed:** Issue 239
Full review: www.techradar.com/913705
Key specs: 14.6MP; 20-50mm lens, f3.5-5.6; 340g
⊕ Powerful and flexible; very good photos
⊖ No in-camera stabilisation; a few compromises

Panasonic Lumix DMC-GH2 ★★★★☆

Price: £750 **Reviewed:** Issue 232
Full review: www.techradar.com/926611
Key specs: 18.32MP; 14-42mm lens; SD/SDHC/SDXC
⊕ Smooth video output; articulated LED screen
⊖ Some small controls; too expensive

DIGITAL VIDEO CAMERAS

Sony HDR-CX115E

★★★★★

Price: £300 **Reviewed:** Issue 233
Web: www.sony.co.uk
Full review: MF Issue 233 group test
Key specs: 1920x1080 resolution; 2.7-inch LCD; covers MPEG4-AVC and H.264 recording formats

⊕ Excellent all-round performance, and a compact, portable form factor
⊖ There are cheaper camcorders around

"The Sony provides you with all you'd want from a camcorder, with excellent build, features and quality."

Canon HV30 ★★★★½

Price: £1,140 **Reviewed:** Issue 201
Full review: www.techradar.com/468942
Key specs: HDV; DIGIC II processor; MiniDV/SD card
⊕ Superb stills and video; better than HDD
⊖ Cumbersome to use

Samsung VP-HMX 20C ★★★★☆

Price: £375 **Reviewed:** Issue 202
Full review: www.techradar.com/528224
Key specs: 2.7-inch LCD; movie capture at 2.1MP
⊕ Good screen; lightweight; offers full HD
⊖ Really need to shop around for price

ROUTERS/NETWORKING

AVM FRITZ!Box 7390

★★★★★

Price: £250 **Reviewed:** Issue 229
Web: www.fritzbox.eu
Full review: www.techradar.com/912929
Key specs: 802.11n, g, b and a; dual band 2.4GHz and 5GHz; power consumption 6-8 watts; integrated DECT base station

⊕ Packed with features, including dual band wireless 'n'; very fast
⊖ Expensive, especially if you don't want the telephony functions

"Fast and feature-rich, the FRITZ!Box 7390 could transform your home network. Great traffic-shaping features too."

Devolo dLAN Wireless 'n' ★★★★☆

Price: £115 **Reviewed:** Issue 231
Full review: www.techradar.com/926334
Key specs: Three Ethernet ports plus Wi-Fi
⊕ Easy to set up and use; versatile; fast speeds
⊖ A little bulky for some skirting boards

Cisco Linksys E4200 ★★★★☆

Price: £169 **Reviewed:** Issue 237
Full review: www.techradar.com/938920
Key specs: Six Wi-Fi antennas, four Ethernet ports
⊕ Traffic management features; good range
⊖ No built-in modem

STORAGE

Seagate GoFlex Slim

★★★★☆

Price: £74 **Reviewed:** Issue 236
Web: www.seagateactive.com
Full review: MF Issue 236 group test
Key specs: 320GB capacity; USB 3.0 port can be replaced with FireWire or Thunderbolt port; ultra-thin

⊕ NTFS-formatted for PC and Mac compatibility, with drivers included
⊖ Not a great range of capacities at the time of writing

"A good looking, well built and versatile drive with a prestige to match its name. It's extremely portable too."

Buffalo Dualie 500GB ★★★★½

Price: £119 **Reviewed:** Issue 220
Full review: www.techradar.com/678951
Key specs: USB 2.0 and FireWire connectivity
⊕ Attractive, robust, space-saving design
⊖ Expensive; drive slows when iPhone docked

DataTraveler Locker+ 8GB ★★★★½

Price: £20 **Reviewed:** Issue 232
Full review: www.techradar.com/930867
Key specs: 256-bit AES security
⊕ Password-protects your data; good price
⊖ Can't function without its launcher app

Love this mag? LOVE OUR APPS!

100 tricks and tips for iPad 2
T3 the world's greatest gadget magazine
MacFormat magazine

Get them at:
www.myfavouritemagazines.co.uk/apps

Available on the App Store

157 OF THE BEST iPAD APPS & GAMES REVIEWED AND RATED
The 2012 iPad Handbook
Your essential guide to mastering the iPad
180 pages of expert advice for iPad and iPad 2 owners
Make more of your iPad today!
✓ Apps ✓ Games ✓ Tutorials
From the makers of Mac Tap!

Make more of your iPad TODAY!

The 2012 iPad Handbook is the perfect companion for getting even more from your iPad – whatever you use it for. With 180 pages of advice and over 150 app reviews, this is the only guide you need!

DRAGON
HD
BBC iPlayer
4oD
WoRLD of GOO

Available to buy online
www.myfavouritemagazines
co.uk/computer

HOME OFFICE

Scrivener 2.0

★★★★★

Price: £30 **Reviewed:** Issue 229
Web: www.literatureandlatte.com
Full review: www.techradar.com/913378
System reqs: A Mac with either an Intel or an older PPC procesor can be used; minimum version of OS X is 10.4: Tiger

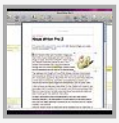
⊕ Great new features; improved corkboard; better outlining
⊖ Some aspects are quite complex

"Far and away the best application available for long-form writing, on any platform. A superb update."

MS Office for Mac 2011 ★★★★☆

Price: From £76 **Reviewed:** Issue 228
Full review: www.techradar.com/903277
System reqs: OS X 10.5.8 or later; Intel Mac
⊕ Cheaper and faster than 2008; new features
⊖ No upgrade pricing

Nisus Writer Pro 2 ★★★★★



Price: £49 **Reviewed:** Issue 237
Full review: www.techradar.com/974528
System reqs: OS X 10.4 or later
⊕ Clean, fast and stable; EPUB export
⊖ Nisus Writer Express might be enough

VISUAL TOOLS & LAYOUT

Freeway 5.5 Pro

★★★★★

Price: £155 **Reviewed:** Issue 230
Web: www.softpress.com
Full review: www.techradar.com/919171
System reqs: Mac OS X 10.5 or higher; Intel or PowerPC processor; Tiger users can run Version 5.4.3

⊕ Powerful layout controls; built-in web image optimising; new features
⊖ Weak HTML import; only one undo

"Freeway 5.5 Pro is great for website design work, and doesn't ask for a degree in coding first."

Ohanaware HDRtist Pro ★★★★★

Price: £20 **Reviewed:** Issue 235
Full review: www.techradar.com/954888
System reqs: Mac OS X 10.5 or later; 1GB RAM
⊕ Great value for money; ideal for novices
⊖ No zoom function for fine detail

Photoshop Elements 9 ★★★★½

Price: £58 (£65 bundled) **Reviewed:** Issue 227
Full review: www.techradar.com/719934
System reqs: OS X 10.4.11+, Intel Mac, 512MB
⊕ New Guided Edit mode; Layer masks; Organizer
⊖ Some features not so effective

SYSTEM UTILITIES

Bjango iStat Menus 3

★★★★★

Price: £11 **Reviewed:** Issue 223
Web: www.bjango.com
Full review: www.techradar.com/694688
System reqs: OS X 10.5 or later. The last version to offer compatibility with OS X 10.4: Tiger was iStat Menus 1.3

⊕ Updated interface; simpler intstallation; great new features
⊖ It's no longer free, though it's certainly worth paying for

"A solid upgrade to what was already a first-rate add-on for any Mac. A great application that continues to improve."

Roxio Toast 11 Titanium ★★★★½

Price: £85 **Reviewed:** Issue 233
Full review: www.techradar.com/936399
System reqs: OS X 10.5 or later, Intel Mac
⊕ Great new features, slick new interface
⊖ Fickle VIDEO_TS conversion

VueScan 9.0 ★★★★★

Price: From $40 (£12) **Reviewed:** Issue 231
Full review: www.techradar.com/926342
System reqs: OS X 10.3.9 or later
⊕ Extends the life of out-of-date scanners
⊖ The wizard could do more

MULTIMEDIA SOFTWARE

Apple iLife '11

★★★★½

Price: £46 **Reviewed:** Issue 229
Web: www.apple.com/uk
Full review: www.techradar.com
System reqs: Intel processor; 1GB RAM; Mac OS X 10.6.3 or later; 5GB HDD space; display, min. 1280x768-pixel resolution.

⊕ Great new features for iPhoto, iMovie and GarageBand
⊖ iDVD and iWeb not updated; the iLife suite is now Snow Leopard-only

"It's a pity iLife '11 is Intel-only, but as PowerPC Macs were discontinued in 2006, it's probably time to let go."

Apple Logic Studio ★★★★★

Price: £417 **Reviewed:** Issue 213
Full review: www.techradar.com/625541
System reqs: Intel Mac; 1GB RAM; Mac OS X 10.5.7
⊕ Powerful music studio; great tools; good value
⊖ Some minor bugs in the initial release

Anime Studio Debut 8 ★★★★½

Price: £27 **Reviewed:** Issue 239
Full review: MacFormat 239
System reqs: 256MB RAM; OS X 10.5 or later
⊕ Great animation toolset; new Character Wizard
⊖ Interface still odd-looking

All your Apple needs

Mac FORMAT

Future Publishing Ltd,
30 Monmouth Street,
Bath BA1 2BW
Tel 01225 442 244
Fax 01225 732 295
macformat@futurenet.com
www.macformat.co.uk
www.twitter.com/MacFormat

EDITORIAL
EDITOR-IN-CHIEF **Graham Barlow**
graham.barlow@futurenet.com
DEPUTY EDITOR **Rob Mead-Green**
rob.mead-green@futurenet.com
REVIEWS EDITOR **Ian Osborne**
ian.osborne@futurenet.com
PRODUCTION EDITOR **Tim Hardwick**
tim.hardwick@futurenet.com
ART EDITOR **Alex Thomas**
alex.thomas@futurenet.com

EDITORIAL CONTRIBUTORS
Chris Brennan, Laurence Cable, Andy Dyer, Jonny Evans, Craig Grannell, Ben Harvell, Rod Lawton, Susie Ochs, Steve Paris, Nick Peers, Christopher Phin, Nik Rawlinson, Davina Rungasamy, Luis Villazon, J R Book Walter

ART CONTRIBUTORS
a.K.a., Alamy, Apple, Mike Chipperfield @ MagicTorch, Future Photo Studio, (Joe Branston, Dave Caudrey), Getty Images, iStockPhoto.com, Suzanne Rowles

MANAGEMENT
PUBLISHER **Charlotte Morgan**
CREATIVE DIRECTOR **Robin Abbott**
EDITORIAL DIRECTOR **Jim Douglas**

ADVERTISING
ADVERTISING DIRECTOR **Malcolm Stoodley**
ADVERTISING SALES DIRECTOR **James Ranson**
SENIOR ADVERTISING MANAGER **Charlie Said**
charlie.said@futurenet.com
ACCOUNT MANAGER **Robert Williams**
robert.williams@futurenet.com
SENIOR SALES EXECUTIVE **Julian Tozer**
julian.tozer@futurenet.com
SALES EXECUTIVE **Lucie Gillespie**
lucie.gillespie@futurenet.com

MARKETING
CAMPAIGN MANAGER **Emma Kershaw**
emma.kershaw@futurenet.com

CIRCULATION
TRADE MARKETING MANAGER
Colin Hornby colin.hornby@futurenet.com
SUBSCRIPTIONS EXECUTIVE
Katy Holman katy.holman@futurenet.com

PRINT & PRODUCTION
PRODUCTION CO-ORDINATOR
Charlene Vaughan
charlene.vaughan@futurenet.com
PRODUCTION MANAGER
Rose Griffiths rose.griffiths@futurenet.com
HEAD OF PRODUCTION
Richard Mason richard.mason@futurenet.com

LICENSING
INTERNATIONAL LICENSING DIRECTOR
Tim Hudson tim.hudson@futurenet.com
Tel: + 44 (0)1225 442244
Fax: + 44 (0)1225 732275

FUTURE PUBLISHING LIMITED
GROUP PUBLISHING DIRECTOR **Nial Ferguson**
UK CHIEF EXECUTIVE **Mark Wood**
CHIEF EXECUTIVE **Stevie Spring**

SUBSCRIPTIONS
Phone: **0844 848 2852**
Web: **www.myfavouritemagazines.co.uk**
Email: **macformat@myfavouritemagazines.co.uk**

NEXT ISSUE ON SALE...
Wednesday 9 November 2011

Printed in the UK by
Polestar Group on behalf of Future
Distributed in the UK by
Seymour Distribution Ltd
2 East Poultry Avenue
London, EC1A 9PT
Tel: 0207 429 4000

ABC
ABC 28,904
Jan-Dec 2010
A member of the Audited Bureau of Circulations

Want to work for **Future?**
Visit www.futurenet.com/jobs

future MEDIA WITH PASSION
Future produces carefully targeted magazines, websites and events for people with a passion. Our portfolio includes more than 180 magazines, websites and events and we export or license our publications to 90 countries around the world.

Future plc is a public company quoted on the London Stock Exchange (symbol: FUTR).

www.futureplc.com

Chief Executive Stevie Spring
Non-executive Chairman Peter Allen
Group Finance Director John Bowman
Tel +44 (0)207 042 4000 (London)
Tel +44 (0)1225 442 244 (Bath)

© Future Publishing Limited 2011. All rights reserved. No part of this magazine may be used or reproduced without the written permission of the publisher. Future Publishing Limited (company number 2008885) is registered in England and Wales. The registered office of Future Publishing Limited is at Beauford Court, 30 Monmouth Street, Bath BA1 2BW. All information contained in this magazine is for information only and is, as far as we are aware, correct at the time of going to press. Future cannot accept any responsibility for errors or inaccuracies in such information. Readers are advised to contact manufacturers and retailers directly with regard to the price of products/services referred to in this magazine. If you submit unsolicited material to us, you automatically grant Future a licence to publish your submission in whole or in part in all editions of the magazine, including licensed editions worldwide and in any physical or digital format throughout the world. Any material you submit is sent at your risk and, although every care is taken, neither Future nor its employees, agents or subcontractors shall be liable for loss or damage.

FSC
www.fsc.org
MIX
Paper from responsible sources
FSC® C007184

We are committed to only using magazine paper which is derived from well managed, certified forestry and chlorine-free manufacture. Future Publishing and its paper suppliers have been independently certified in accordance with the rules of the FSC (Forest Stewardship Council).

recycle
When you have finished with this magazine please recycle it.

NEXT ISSUE

summer
ok ending.
MacBook Air

50 TWEAKS EVERY MAC USER SHOULD KNOW!

The Apple products that time forgot

Everything from Apple's digital camera to the Newton!

Newton
Jeanne,
The location for the Sa...
Conference has changed
Arborview Convention Center on the
Corner of Turnbull and Main.
See you tomorrow.
Dave
Turnbull
Main
MessagePad 2000

Mac FORMAT
ON SALE
Wednesday
9 November
2011

HOW TO...

- Master the new features of Elements 10
- Play games using the OnLive service
- Get a new desktop picture every day

ALL THIS AND MORE!

*Contents subject to change

Mac User Groups

Find fellow Mac enthusiasts near you! Here's a list of the UK & Ireland MUGs

[1] Aberdeen MUG
Aberdeen
davidjearly@mac.com
www.abdnmug.co.uk

[2] Bristol & Bath MUG
Bath
info@bbmug.co.uk
www.bbmug.co.uk

[3] Berkshire & North Hampshire MUG
Reading area
i.j.burn@reading.ac.uk

[4] Bracknell Forest MUG
Bracknell, Berks
office@bfmuguk.org
www.bfmuguk.org

[5] ClubMac Ireland
Dublin
secretary@clubmac.ie
www.clubmac.ie

[6] Cork University College
Cork
d.murphy@cs.ucc.ie
www.ucc.ie/mug

[7] Cumbria Mac Enthusiasts
Barrow-in-Furness
contact@macenthusiasts.co.uk
www.macenthusiasts.co.uk

[8] Deaf Mac Users
Website group for the hard of hearing
nick@sturley.co.uk
http://tech.groups.yahoo.com/group/deaf-macs/

[9] Edinburgh MUG
Edinburgh
admin@edmug.org.uk
www.edmug.org.uk

[10] Exeter MUG
Exeter
examug@mac.com
www.examug.org.uk

[11] Glasgow MUG
Glasgow
glas.mug@mac.com
www.glasmug.com

[12] Harlech MUG
South Snowdonia
ian@climb8.com

[13] Fife MUG
Fife
johnvandieken@gmail.com
www.famus.co.uk

[14] London MUG
London
secretary@lmug.org
www.lmug.org.uk

[15] MACUS (Manchester)
Manchester
davjaeger@macunlimited.net

[16] Midlands MUG
Birmingham
group@mmug.org.uk
www.mmug.org.uk

[17] North West Mac Group
Near Warrington
info@nwmug.co.uk
www.nwmug.co.uk

[18] Norwich MUG
Norwich
norwichmacusergroup@mac.com

[19] OxMUG
Oxford
www.oxmug.org

[20] South Essex MUG
Wickford, Essex
chairman@seal-apple.co.uk
www.seal-apple.co.uk

[21] South Wales MUG
Cardiff
swmug@applewiz.biz
www.swmug.org.uk

[22] Sneem MUG
Sneem
sean@smug.ie
www.smug.ie

[23] Stroud Mac User Group
Stroud
jmuy@aol.com

[24] Suffolk Mac User Group
Ipswich
mike@mikekwasniak.co.uk
suffolkmacusergroup.co.uk

[25] Swindon MUG
Swindon
swindonmacusergroup@googlemail.com
http://swindonmacusergroup.googlepages.com

[26] Surrey MUG
Surrey
monigmagr@mac.com

[27] Three Counties MUG
Luton, Bedfordshire
info@3cmug.co.uk
www.3cmug.co.uk

[28] Wessex MUGs
Fareham, Dorchester, Bournmouth & Salisbury
enquiries@wamug.org.uk
www.wamug.org.uk

[29] Yorkshire MUG
Doncaster & other towns
ymug@mactalk.info
www.ymug.org

NEW STARTER

START YOUR OWN MUG

If you're planning on starting up a new MUG in your area, or you have recently set one up, let us know and we'll print the details here. Email **macformat@futurenet.com**

Reader offers

Great deals on awesome software – exclusive to MacFormat magazine

Get 30% off 1Password

Awarded 4.5 stars in *MF218* (http://bit.ly/rerlVI), *1Password* takes the hassle out of website logins, serial numbers and more by storing them in a secure digital locker that's quick and convenient to use. It even includes a plug-in for web browsers like *Safari* and *Firefox* so your logins are easy to recall, autofill and save. You can get 30% off *1Password* and other apps from developer AgileBits by going to the special MacFormat page on its webstore at https://agilebits.com/store?d=MacFormat.

Get 50% off Dragonfly

Choosing a colour scheme for projects can be tricky unless you have a colour picker like *Dragonfly*. It enables you to compare up to eight colours at a time to see which ones work best together. It can also display variations of a single colour then adjust them live as you change the shade of the original you chose. To get 50% off, go to http://bit.ly/ntUq7b, place your order and then type MACFORMAT-SPECIAL into the Update Coupon box on the Your Order page. (Make sure you've the latest Java enabled.)

Get 30% off SleepLess

SleepLess is a nifty utility that helps you to stop your Mac from going to sleep without changing its Energy Saver settings. Unlike other free apps, it even works when the lid on your MacBook Air or MacBook Pro is closed – giving you instant-on access when you're out and about. Developer ALXsoftware is giving *MacFormat* readers a 30% discount off *SleepLess*. Go to www.alxsoft.com, place an order for *SleepLess* and type MACFORMAT into the Coupon Code box on the order page.

Get 25% off TaskTime

TaskTime is a project time and invoicing application for small business owners and freelancers. It's flexible, simple to use and enables you to add an unlimited number of clients and projects. Works with OS X's *Address Book*, *Mail* and *Entourage*. You can even sync the application data using DropBox. To get 25% off make sure your version of Java is up to date, then go to http://bit.ly/qHMKD9, to place your order for *TaskTime*. Type MACFORMAT into the Update Coupon box on the Your Order page.

LONDON

Square Group Ltd

Central London • High Wycombe • Derby
Tel: 0800 08 27753 **Email:** sales@squaregroup.co.uk
URL: http://www.squaregroup.co.uk

- Apple Premium Reseller • Video, Print & Publishing & Education Apple Solution Experts
- Apple Authorised Service Provider
- Training Centre

SQUARE

THE NORTH

Jennings Computer Services

Scarborough - Tel: 01723 374196
York - Tel: 01904 796580
Email: Sales@jcsltd.co.uk
URL: http://www.jcsltd.co.uk

- Apple Authorised Reseller & Service Provider
- Apple Warranty & Out of Warranty Repair
- Troubleshooting, Fault Finding & Upgrades
- Consumer / Business / Education
- Installation / Support / Training
- New & 2nd User Macs / Part Exchange your old Mac

Jennings COMPUTER SERVICES LTD

LONDON

Albion

London • Basingstoke • Tunbridge Wells
Tel: 0207 212 9090 **Email:** sales@albion.co.uk
URL http://www.albion.co.uk

Albion are a leading Apple Premium Reseller and Authorised Service Provider with over 20 years experience. Specialising in the integration of Mac and Windows systems; care & support and Internet/network solutions, they are the **UK's Education and Business I.T. Solutions Expert.**

Albion

Premium Reseller

AUTHORISED RESELLERS LISTED ABOVE

Apple Sales & Support
In a town near you...

If you need somewhere to purchase or repair your Apple Products then you can find your local dealers here...

KEY TO THE REGIONS
🟦 Scotland 🟦 The North 🟪 Midlands 🟨 Wales 🟪 The East 🟥 London 🟩 South West 🟩 Eire

Get Cash for your Old Mac!
We pay up to **£1500** for a used **MacBook or Mac Desktop**
PAYMENT IN 5DAYS
Visit **www.trading4u.com/mac** for a FREE valuation

vis
Est. 1992

- Professional repairs to all Apple computers
- Apple parts supplied - factory new & used
- Next day delivery on all stock parts
- Exchange service on serviceable parts
- Call for friendly advice or visit our website

01189 88 66 33 • visparts.com

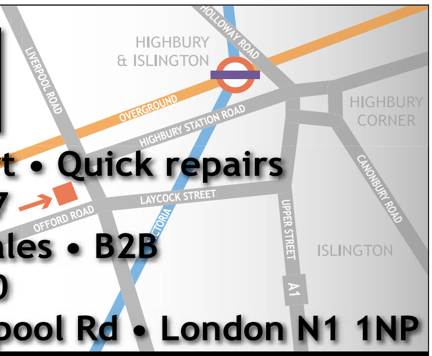
CASHMYIPAD.CO.UK
GOT ONE OF THESE?

IPHONE

IPAD

IPOD

NEED CASH?
SELL YOUR IPAD, IPOD OR IPHONE ONLINE NOW
INSTANT VALUATION
&
PAYMENT WITHIN DAYS
www.CASHMYIPAD.co.uk
0843 289 5464



MR
On-site support • Quick repairs
0207 697 2207
Competitive sales • B2B
0207 697 2230
383-385 Liverpool Rd • London N1 1NP

Authorised Service Provider

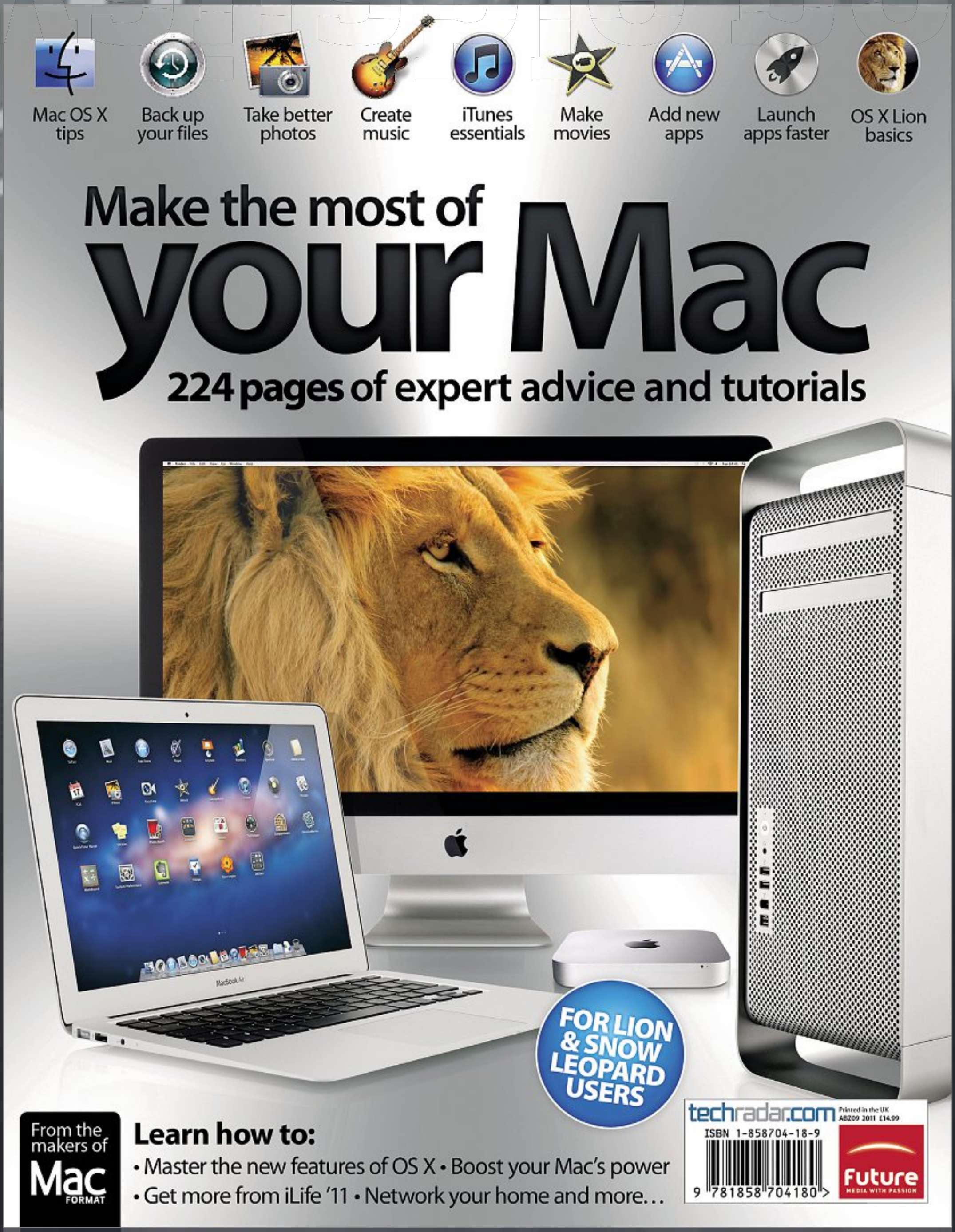
Mac Spares & Repairs

- New & recycled Apple service parts
- Next day delivery
- Newertech main dealer
- Trade discounts
- Repair service, uk-wide collection

Faulty Macs bought, collected & recycled

thebookyard
thebookyard.com 08456 800 256

Available now



Mac OS X tips
Back up your files
Take better photos
Create music
iTunes essentials
Make movies
Add new apps
Launch apps faster
OS X Lion basics

Make the most of
your Mac
224 pages of expert advice and tutorials

FOR LION & SNOW LEOPARD USERS

From the makers of Mac FORMAT

Learn how to:
• Master the new features of OS X • Boost your Mac's power
• Get more from iLife '11 • Network your home and more…

techradar.com
Printed in the UK ABZ09 2011 £14.99
ISBN 1-858704-18-9
9 781858 704180
Future MEDIA WITH PASSION

What can your Mac can really do?

Now you've got a Mac, find out exactly what you can do with it – you'll be amazed! Whether you've just got OS X Lion or you're still using Snow Leopard, this guide is just the thing to help you with your Mac.

Available at all good newsagents or visit
www.**myfavouritemagazines**.co.uk/computer

Onthedisc

>FULL SOFTWARE >EXCLUSIVE DEMOS >ESSENTIAL SHAREWARE >READER OFFERS

>> WRITER'S TOOLS

Scrivener 1.54

Finally start that masterpiece

Scrivener is no ordinary word processor. It's been specifically designed to provide all the tools creative writers need – whether that's jotting down ideas on virtual index cards, storing notes or writing in full-screen mode.

Upgrade offer

If you like *Scrivener 1.54*, why not upgrade to the latest version at http://store.eSellerate.net/litlat/macformat. To save £7.45 off the normal price of £29.78 enter MACFORMAT into the coupon code box.

>> UTILITIES

ShareTool 1.3.8

Connect – wherever you are

ShareTool enables you to easily access your files anywhere using Bonjour technology. So if you've left an important file behind, or want to enjoy your music and photos anywhere, then *ShareTool* is here to help.

Upgrade offer

Upgrade to the latest version at www.yazsoft.com/store and get 20% off. Just select Upgrade: ST1 Double Licence to ST2 Double Licence, and enter promo code FPL2011 into the box labelled 'Enter any additional comments for the supplier here'.

>> MUSIC

VinylStudio 8.0.5 Lite

It's time to revive your vinyl

Why leave your old singles and LPs to fester when you could listen to them on your Mac or iPhone? *VinylStudio 8.0.5 Lite* comes with tools to record, edit and clean up your collection – and can work wonders with old cassettes too. The program even stops recording when it reaches the end of a 'side'.

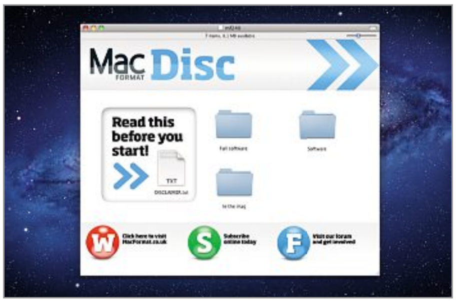
Upgrade offer

Upgrade to the full version at http://bit.ly/mPmkwz. To get 20% off the £23.96 asking price, enter ALPI-II1H-MF in the promotional code box.

>> READER OFFERS

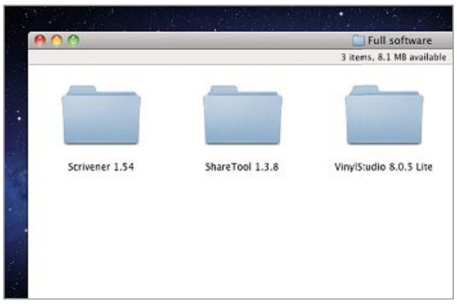
Turn to page 126 for some great software offers and discounts exclusively available to MacFormat readers this month!

>> HOW TO / Install the programs on your disc


Mac Disc
FORMAT
Read this before you start!
TXT
DISCLAIMER.txt
Full software
Software
In the mag
Click here to visit MacFormat.co.uk
Subscribe online today
Visit our forum and get involved

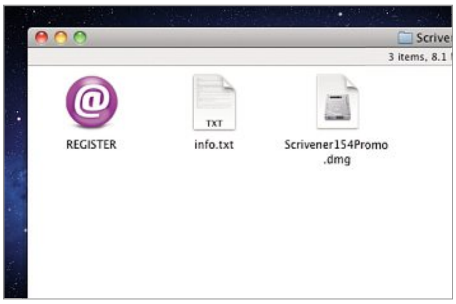
01 Loading the disc

Once you've inserted the disc in your Mac's optical drive and clicked on the disc icon to display its contents, you'll be greeted with this folder. Please make sure you read the disclaimer text file before you progress.


Full software
3 items, 8.1 MB available
Scrivener 1.54
ShareTool 1.3.8
VinylStudio 8.0.5 Lite

02 The software

Navigate through the folders as you would those on your hard disk. Using the *Finder*, click on the names that correlate with the magazine sections and you'll be greeted with folders for each of the applications.


Scrive
3 items, 8.1
REGISTER
TXT
info.txt
Scrivener154Promo .dmg

03 Getting the apps

Each software folder will house at least three icons. The first is an info text file where you can read more about the product. Then comes a webloc site link and, finally, the app itself. Drag it to your desktop to open. ●

MacFormat Disc

Three full programs plus widgets, tutorials, reviews and freeware

»HAVING PROBLEMS?

For further help email **support@futurenet.co.uk** or call our support team on **01225 822743**. If you have comments please email to Simon Holland, New Media Editor, at **simon.holland@futurenet.com**

FULL SOFTWARE

Scrivener 1.54
ShareTool 1.3.8
VinylStudio 8.0.5 Lite

IN THE MAG

Group test
Carbon Copy Cloner 3.4.2
ChronoSync 4.2.3
SuperDuper! 2.6.4
Twin 1.5

Q&A
Lion Tweaks 1.3
Plex 0.9.3.4

Reviews
Pixelmator 1.6.7
ScreenFlow 3.0.1

Shareware
Launchpad Cleaner 2 2.1
Launchpad-Control 1.3

Top 10
Cosmos 2.1.1
iSubtitle 2.5.4
iVI 3.016
Usher 1.1.3

Mac FORMAT
ISSUE 240 / November 2011

MISSING YOUR DISC?
If your disc is missing, email **support@futurenet.com** or phone 01225 822743

Tutorials
Media Converter 1.2
Switch File Format Converter 4.15

Essential software
Adium 1.4.2
AppZapper 2.0.1
Burn 2.5.1
Gimp 2.6.11
HandBrake 0.9.5
TextWrangler 3.5.3
The Unarchiver 2.7.1
Thunderbird 3.1.10
VLC Media Player 1.1.10.1

Recommended software
Scrivener 2.1
ShareTool 2.2.6
VinylStudio 8.0.5

Top freeware
AppCleaner 2.0.5
Gruml 1.1
InstantShot! 2.6b
Kilometre 1.2.0
LimeChat 2.28
MacDropAny 1.7
MightyMonitor 5.0
Soundcloud Downloader 1.3
TinkerTool 4.7
YouTube to MP3 1.6

»FINDING A SERIAL CODE

With the new interface comes a slight adjustment in your route to full product activation. The majority of this software will still require you to register online for activation. But now, you'll need to double-click the webloc '@' icon.

Future Technology coverdisc

This disc has been thoroughly scanned and tested at all stages of production, but – as with any new software – we still recommend that you run a virus checker before use. We also recommend that you have an up-to-date backup of your hard disk(s) before using this disc.

Future Publishing cannot accept responsibility for any disruption, damage and/or loss of data to your data or computer system that may occur while using this disc, or the programs and data on it. We advise that you consult your network administrator before installing software on a networked Mac.

Coverdisc problems

If you are having difficulties using the *MacFormat* disc interface or its content, please visit our reader support website at www.futurenet.co.uk/support. On this regularly updated website, you'll find solutions to numerous commonly reported problems. If, after reading these, you are still experiencing difficulties, then please email our reader support team (support@futurenet.co.uk) or phone 01225 442244 and ask for coverdisc support.

Please note that we can only provide technical support for the installation of software. Unfortunately, we cannot give in-depth help on the applications, or on your hardware or operating system. For software support-related issues, please contact the relevant product's developers. We regret that are unable to provide serial numbers over the phone.

Please also note that Future Publishing can only provide technical support for this disc for a period of six months after this magazine's on-sale date.

Interface

- Interface requires OS X.
- Some programs may require free registration over the internet or phone.
- Some software may not be available in all territories.
- Where relevant, program values quoted are prices when sold with original packaging and manuals.

Future MEDIA WITH PASSION
COMPACT disc
Made in the EU
MAC240 DISC

© Future Publishing 2011
Not to be sold separately

BATMAN™

ARKHAM ASYLUM

WELCOME TO THE MADHOUSE

OUT NOW FOR MAC

Available Boxed and via Download

MOVE IN THE SHADOWS AND STRIKE FEAR AMONGST YOUR ENEMIES

UTILIZE BATMAN'S DETECTIVE SKILLS AND CUTTING-EDGE FORENSIC TECH TO GATHER EVIDENCE AND CLUES

UNLEASH BRUTAL COMBOS WITH THE INNOVATIVE FREEFLOW™ COMBAT SYSTEM

CONFRONT GOTHAM CITY'S MOST NOTORIOUS LUNATICS, INCLUDING *THE JOKER, HARLEY QUINN, BANE, POISON IVY,* AND *KILLER CROC*

feralinteractive.com

15

BATMAN and all characters, their likenesses, and related elements are trademarks of DC Comics. © 2010-2011. All Rights Reserved.
WBIE LOGO, WB SHIELD: ™ & © Warner Bros. Entertainment Inc.
(s09)

rocksteady™

Please visit www.softlineuk.com for more information and for resellers near you.

FERAL
MAKE YOUR PLAY

BATMAN: ARKHAM ASYLUM Software (c) 2011 Eidos Interactive Ltd. Developed by Rocksteady Studios Ltd. Published by Eidos Interactive Ltd. Rocksteady and the Rocksteady logo are trademarks of Rocksteady Studios Ltd. Eidos and the Eidos logo are trademarks of Eidos Interactive Ltd. All other trademarks and copyrights are the property of their respective owners. All rights reserved BATMAN and all characters, their distinctive likenesses, and related elements are trademarks of DC Comics (c) 2011. All Rights Reserved. Feral and the Feral logo are trademarks of Feral Interactive Ltd.

ALL-IN-ONE DESIGN

iMAC 27”
i7 2.93
ONLY £2.45
PER DAY

Improve the way you work
at a price you can afford.

One phone call and your brand new
kit will be delivered to you within 3 days.

Authorised
Reseller

HARDSOFT
Established for over 25 years

0844 330 8693
WWW.HARDSOFT.CO.UK